P C & Phys C

Chemical Society, London

List of office's and fellows.

1892







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ALIST

OF THE

OFFICERS AND FELLOWS

OF

THE CHEMICAL SOCIETY.

LONDON:

HARRISON & SONS, ST. MARTIN'S LANE, Printers in Ordinary to Jer Majesty.

1892.



OFFICERS AND COUNCIL.

ELECTED IN 1892.

PRESIDENT.

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VICE-PRESIDENTS.

WHO HAVE FILLED THE OFFICE OF PRESIDENT.

ABEL, SIR F. A., K.C.B., D.C.L., F.R.S.
CROOKES, W., F.R.S.
FRANKLAND, E., D.C.L., F.R.S.
GLEBRT, J. H., PH.D., F.R.S.
GLADSTONE, J. H., PH.D., F.R.S.
MULLER, H., PH.D., F.R.S.
ODLING, W., M.B., F.E.S.
PERKIN, W. H., PH.D., F.R.S.
PLAYFAIR, LORD, PH.D., K.C.B., F.R.S.
ROSCOE, SIR H. E., LL.D., F.R.S.
RUSSELL, W. J., PH.D., F.R.S.
WILLIAMSON, A. W., LL.D., F.R.S.

VICE-PRESIDENTS,
HARCOURT, A. VERNON, M.A., F.R.S.
HARTLEY, W. N., F.R.S.
PATTISON, JOHN,
RAMSAY, Ph.D., F.R.S.
TILDEN, WILLIAM A., D.Sc., F.R.S.
WARINGTON, ROLERT, F.R.S.

THORPE, T. E., B.Sc., F.R.S.

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THOMPSON, J. MILLAR, F.R.S.E.

FOREIGN SECRETARY.
MELDOLA, RAPHAEL, F.R.S.

OTHER MEMBERS OF COUNCIL,
BASSETT, HENRY.
COLLIE, NORMAN. PH.D.
DIXON, H. B., F.R S.
FERGUSON, JOHN, M.A.
FR'SWELL, R. J.
HERON, J.
MUIR, M. M. P, M.A.
PAGE, F. J. M., B.So.
PERKIN, W. H, JUN., F.R.S.
PICKERING, S. U., M.A.
VOELCKER, JOHN A., PH.D.
WYNNE, W. P., B.So.

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SUB-EDITOR OF THE SOCIETY'S JOURNAL.
A. J. GREENAWAY.
50, Fragnal, Hampstead, N.W.



NAMES OF FELLOWS.

Date of Election.		
Mar. 21, 1848	Trans.	Abel, Sir F. A., C.B., F.R S., 40, Cadogan place, S.W., and the
		Imperial Institute, Imperial Institute road, London, S.W.
Dec. 21, 1871	Trans.	Abney, W. de W., Capt., R.E., F.R.S., F.R.A.S., F.R.G.S., Willeslie
		House, Wetherby-place, South Kensington, S.W.
Mar. 1, 1883		Abraham, Alfred C., 87, Bold-street, Liverpool
Dec. 4, 1890		Abrine, G. Anthony, Warterport street, Gioraltar
April 7, 1856		Aeland, Sir Thomas J. Dyke, Sprydoncote, near Exeter
Mar. 4, 1875	Trans	Acworth, Joseph John, Ph.D., F.I.C., Shootap-hill, Brondesbury,
		N.W.
Feb. 18, 1892		Adams, Arthur, Broomfield place, Smethwick
Dec. 6, 1888		Adams, Charles M., Albany-buildings, Lord street, Southport
Feb. 18, 1892		Adams, Frederick Edward, M.D., Town Hall, Bolton
Feb. 15, 1877		Adams, M. A., F.R.C.S., Ashford-road, Maidstone, Kent
June 16, 1892		Adams Percy T, Kent County Ophthalmic Hospital Maidstone
Dec. 5, 1889	Trans	Addyman, F. Thornton, 53, Bentinek-road, Nottingham
Mar. 17, 1881	Trans	Adeney, W. E., Royal University of Ireland, Earl-fort-terror,
		Dublin
Dec. 3, 1885	Trans.	Adie. R. Haliburton, M.A., 3, Richmond-road, Huntingdon-road,
		Cambridge
Dec. 3, 1885		Adriance, John S., 231, Broadway, New York City
Dec. 3, 1885		Aikman, Charles M., M.A. B.Sc., F.R.S E, F.I.C., Technological
		College, and 183, St. Vincent-street, Gla-gow
Mar. 6, 1873		Ainsworth, George, Selby Lodge, Consett, Durham
June 17, 1886		Akitt, Thomas, 3, Victoria-road, Lenzie, near Glasdow
Dec. 18, 1879		Albright, G. Stacey, The Elms. Edgbaston-park-road, Ed-baston,
		Birmingham
May 7, 1885		Alcock, Frank Harris, 9, Broad-street Corner, Birmingham
June 16, 1892		Alcock, John W., Central Brewery, 45, Mott street, Birn in hand
June 21, 1898		Alexander, John, M.A., Avon Villa, Crargie, Perth
Dec. 3, 1891		Alger, Harold, The Manor House, Stoke Dameral, Develort
Mar. 4, 1886		Allan, James Henry, 26, Fitzel trence street Lav r, ool
Feb. 18, 1864	Trans.	Allen, Alfred Henry. Sydenhaur-cottage, Park lane, She Will

O		,	TELLOWS OF THE CHEMICAL SOCIETI.
Date o	f Election.		
Dec.	3, 1891	1	Allen George James, Ivey House, Bolton-road, Pendleton
May			Allen John, Phonix Chemical Works, Upper North street,
2.200	0, 1010		Poplar, E.
Feb.	3, 1876		Allen, Harry, Bessemer Steel Works, Sheffield
	6, 1890		
Feb.		Tuona	Allsom, Edward W., Ivy Lawn, Douglas-road, Cork
Mar.	5, 1885	Trans.	Amph'ett, Edward Greenhill, M.A., Oxon, M.R.I., 2, Queen's
	0.1000		Gate-terrace, S.W.
Mar.	6, 1890		Anderson, Frederic Alfred, B.Sc., Lesney House, Erith, Kent
Dec.	3, 1885		Anderson, Innes, L.R.C.P., Ed. L.R.C.S., Ed. L.F.P. & S. Glas., L.M., Ed., Moonee Ponds, Victoria, Australia
Feb.	6,1890		Anderson, Innes, M. T., The New Explosives Company, Stow-
			market
Feb.	2, 1888		Andrews, Edward Arthur, St. Mary's Hospital, Paddington, W.
May	4, 1882		Andrews L. W., Ph.D., The University, Iowa City, Iowa, U.S.A.
Mar.	7, 1870		Andrews, Thomas, F.R.S., M.I.C.E., Ravencrag, Wortley, near
	,		Sheffield
Feb.	15, 1977		Angell, John, 6, Beacon's Field, Derby-road, Fallowfield, Man-
	,		chester
April	4, 1889		Annal, James, 13, Kinlock-street, Dundee
	17, 1876		Ansdell, Gerard, 10, Gledhow Gardens, South Kensington, S.W.
	6, 1890		Ansell, Frederick Graham, Wickwar Brewery, Gloucester-hire
	19, 1879		Appleby, Herbert, Moorfield Chemical Works, Boothstown, near
0 11110	11, 10,1		Manchester
Feb.	19, 1891		Appleton, Henry Austin, 19, South-street, Middlesbrough
	15, 1890		Appleyard, James Robert, University College, Dundee
	21, 1884		Archbutt, Leonard, 11, Charnwoo l-street, Derby
	4, 1875		Armistead, William, M.B., C.M., Shelford, Cambridge
	15, 1881		Armitage, Charles, Lancaster Corporation Gas Works, Lancaster
Dec.	1, 1870	Trans.	
1,000	1, 10,0	11000	S.E., and Central Institution, Exhibition-road, London, S.W.
Dec.	2, 1880		Arnold, J. Oliver, Prof., The Technical School, St. George's-
1/(0.	2, 1000		square, Sheffield
Dec.	18, 1884		Ashe, William Percy, M.D., 162, Sloane street, S.W.
	15, 1870		Ashwell, J. R., F.I.C., 111, Waterloo-crescent, Nottingham
	3, 1891		Ashcroft, George Alfred, 88, Alexandra-road, Alexandra Park,
	,		Manchester
Mar.	17, 1859	Trans	Atkinson, E., Ph.D., Portesbery-hill, Camberley, Surrey
	7, 1872	Trans.	Atkinson, R. W., B.Sc., 44, Loudoun-square, Bute Docks. Cardiff
	16, 1862	Trans.	Attfield, Prof. J., F.R.S., 17, Bloomsbury-square, W.C.; and
	,		Ashlands, Watford
Feb.	18, 1872	Trans.	Attwood, George, Durmast House, Ringwood, Hants, and 3,
	,		Clement's-lane, E.C.
Dec.	2, 1896		Audley, James A., F.J.C., 97, Lichfield-street, Hanley
Nov.		Trans	Auerbach, G., Breite Strasse 7, Ludwigshafen a Rh. Germany
2.0.1	.,,	214110	recovery, or, brone octasse t, many general a, till. Germany

		FELLOWS OF THE CHEMICAL SOCIETY, 7
Date of Election.		
Feb. 17, 1877		Austen, Peter Townsend, Chemical Laboratory, Rutgers College,
	1	New Brunswick, N.J., America
Feb. 19, 1891		Aylan, John Charles, Manager Royal Laboratory, Royal Arsenal,
· ·		Woolwich, S.E.
		The second secon
Mar. 6, 1890		Babington, Percival, A.I.C., 6, Grange-terrace, Weymouth
Dec. 16, 1875	Trans.	Bailey, G. H., Ph D., D.Sc., Owens College, Manchester
April 4, 1889		Bailey, Richard Douglas, City Brewery, Quay-street, Gloucester
Feb. 21, 1884		Bain, Daniel, Laboratory, Newcastle Chemical Company, Gates.
		head
Dec. 3, 1891		Bairstow, John, 32, Sealand-road, Chester
Dec. 5, 1889		Baker, Charles Frederic, Ph.D., The Yorkshire College, Leeds
Dec. 6, 1883	Trans.	Baker, Charles J., The Schools, Shrewsbury.
Feb. 17, 1881	Trans.	Baker, Harry, The Alluminium Co., Oldbury, near Birmingham
June 19, 1884	Trans.	Baker, H. Brereton, Dulwich College, S.E.
May 1, 1873	1 (4113.	Baldock, John Henry, Overdale, St. Leonard's-road, Croydon,
1149 1,1010		Surrey
May 20, 1886	Trans.	Ball, Edwin Jennings, Ph.D., Metallurgical Laboratory, Royal
Ma, 20, 1000	I Lanc.	College of Science, South Kensington
June 16, 1892		Ballantyne, Horatio, 260, Renfrew-street, Glasgow
Dec. 18, 1884		Ballard, J. Farrow, Cornwall House, Maidenhead
Dec. 3, 1891		Baly, Edward C Cyril, Bank of England, E.C.
Mar. 4, 1886		Bamber, Henry K., Cement Works, Dovercourt, Essex
Dec. 4, 1890		Bamber, M. Kelway, Agricultural and Horticultural Society of
T.1 0 1000		India, Metealfe Hall, Calcutta
Fe'i. 2. 1888		Banner, Samuel, Sherwood, Sefton-park, Liverpool
Jan. 19, 1871		Bannister, Richard, Inland Revenue Laboratory, Somerset House, W.C.
Feb. 16, 1888		Barbour, T. Fraser, 35, Robertson-street, Glasgow
Dec. 2, 1880		Barelay, Arthur E., 95, Farringdon-street, E.C.
June 16, 1887		Barclay, Hugh, Calder Avenue, near Coattridge, N. B.
Dec. 1, 1870		Barklie, Robert, Knockmhore, Greenis'an I, Belfast
June 19, 1884		Barlow, Edward G. B., 27, West-hill, St. Leonard's on-Sea,
June 10, 1001		Sussex
Jan. 17, 1889		Barnes, Charles Lightfoot, 10, Nelson-street, C. on M., Manches-
		ter
May 7, 1891		Barnes, Edward Arthur, Upton Villa, Dynamite Works, Hayle,
21143 1, 2002		Cornwall
Dec. 2, 1875		Barnes, R. L., Oak Hall, Buckhurst hill
Feb. 21, 1884		Barr, William Henry, M.D., Belgrave-place, Bury
Feb. 16, 1888		Barraclough, William H., A I.C., Pembroke House, Atherton-
200, 20, 2000		road, Forest Gate, E.
Dec. 3, 1891		Burratt, J. Treeby, Bronhenlog, Mostyn, North Wales
May 5, 1892		Barratt, Alexander, Bronhenlog, Mostyn, North Wales
11143 0, 1002		

8		FELLOWS OF THE CHEMICAL SOCIETY.
Date of Election.		
Feb. 4, 1869		Barret, Edward L., B.Sc., 192, Belsize-road, Hampstead, N.W.
Feb. 5, 1874		Barrett, Howard, M.R.C.S., M.R.C.P., 3, Tavistock-square, W.C.
April 4, 1889		Barry, T. D. Collis, M.R.C.S., Staff Surgeon, Asirgarh, Central
. ,		India Province, India
Jan. 18, 1872		Barton, Robert, Royal Mint, Melbourne, Australia, and c/o Miss
		Barton, The Cottage, Bushey Park, Teddington
April 19, 1883		Basker, J. A., Fore-street, Bridgwater
Feb. 18, 1864	Trans.	Bassett, Henry, 26, Belitha-villas, Barnsbury, N.
May 7, 1891		Bate, William, National Explosives Co., Hayle, Cornwall
May 7, 1891		Bater, Claude H., M.A., Inland Revenue Laboratory, Ashwell,
		near Hitchin, Herts
April 17, 1884		Battershall, J. B., Ph.D., United States Laboratory, 402,
· í		Washington-street, New York
June 16, 1892		Birrows, Arthur Edward, Blocmfield Iron Works, Tipton
		Staffordshire
June 16, 1892		Bayliss, Charles, Selly Park, near Birmingham
Nov. 19, 1874		Bayly, F. W., The Royal Mint, E.
June 4, 1874		Bayne James, Professor Royal Veterinary College, Camden
		Town, N.W.
June 19, 1879		Bayne, William Thirlwall, LL.D., Brockhill, Broad Clyst,
		Exeter
Dec. 4, 1873		Baynes, James, jun., Ph.D., F.R.M.S., Borough Analyst's Office,
		Royal Chambers, Scale-lane, Hull
Feb. 19, 1891		Beadle, Clayton, Beadonwell, Belvidere, Kent
Feb. 7, 1861		Beadnell, Major Charles Edward, R.A., 48, Castletown-10ad,
		W. Kensington
Dec. 5, 1867		Beale, William Phipson, 10, New-court, Carey-street, Lincoln's-
		inn, W.C.; and 19, Upper Phillimore-gardens, Kensington, W.
Mar. 3, 1864		Beanes, Edward, Moatlands, Paddock-wood, Kent
Mar. 6, 1890		Beardmore, G. Russell, D.P.H. Camb., L.R.C.P. Lond., M.R.C.S.
		Eng., L.S.A., Warwick House, Upper-street, Islington, N.
April 21, 1887		Beasley, William C. T., B.A., Fermain, St. Leonards on-Sea
Dec. 1, 1864		Beauchamp, Lient. C. S., Brompton Barracks, Chatham
April 17, 1890		Beck, Charles R., 6, White Ladies'-road, Clifton, Bristol
April 2, 1874	Trans.	Beckett, George Henry, care of Alfred Nobel Chemisches Labora-
		torium, San Remo, Italy
May 4, 1882		Beckett, John Hampden, Corbar Hill House, Buxton, Derbyshire
Feb. 6, 1879	Trans.	Bedson, P. Phillips, D Sc., University of Durham, College of
		Physical Science, Newcastle-on-Tyne
Nov. 17, 1851	Trans.	Beesley, Thomas, 31, West Bar-street, Banbury
Dec. 19, 1872	Trans.	Beilby, George T., St. Kitts, Slateford, N.B.
June 18, 1891		Belbin, T. St. John, 12, Bolton-gardens West, South Kensington
Pec. 6, 1888		Belcher, John Hope, B.A., Science School, Lincoln
May 7, 1891	1	Bell, Albert Edward, Hound-street, Sherborne, Doiset

		FELLOWS OF THE CHEMICAL SOCIETY, 9
Date of Election.		
Dec. 2, 1886	Trans.	Bell, Chichester A., B.A., M.B., Unity. Dublin 3, Mansfield
		place, Richmond, Surrey
June 20, 1889		Bell, E. Wightman, Spalding
June 21, 1877	Trans.	Bell, H. Stowe, 2, St. Anne's park-villas, Wandsworth, S.W.
Jan. 20, 1870		Bell, James, D.Se., C.B., F R S., Laboratory, Somerset House,
, , , , , , , , , , , , , , , , , , , ,		W.C.
Jan. 19, 1865	Trans.	Bell, J. Carter, A.R.S.M., F.I.C., The Cliff, Higher Brown ton,
	2	Manchester
Dec. 3, 1863		Bell, Sir Lowthian, Bart., F.R.S., Rounton Grange, Northallerten
Jan. 17, 1889		Bell, Percy Carter, The Cliff, Higher Broughton, Manche ter
Nov. 19, 1885		Bell, W. J., Sir, LL.D. (Cantab), F.R.S. Edin., Scatter I, Muir
2.07. 10, 1000		of Ord, N.B. and Reform Club, S.W.
Dec. 4, 1879		Bemrose, Joseph, 158 Box, P.O., Montreal, Canada
Dec. 17, 1874		Bendix, David, 216a, Romford-road, Stratford, E.
Nov. 19, 1874		Benger, Frederick Baden, F.I.C., The Grange, Kuntsford, Cheshire
Feb. 17, 1881		Benjamin, Marcus, A.M., Ph.D., care of D. Appleton and Co.,
100. 11, 1001		1, Bond-street, New York
April 15, 1836		Bennert, Carl, Ph.D., Godesberg, Germany
Dec. 4, 1890		Bentz, Ernest, 147, Bishop-street, Alexandra Park, Manchester
June 21, 1883		Beringer, Cornelius, F.I.C., 9, West-end, Redruth
Feb. 16, 1882		Beringer, John J., Basset-road, Camborne, Cornwall
Mar. 6, 1890		Berneastel, Richard, 7, Woodvale, Forest hill, London, S.E.
June 17, 1875		Bernstein, Ludwik, M.D., F.R.S.E., Lismore, New South Wales
Feb. 16, 1888		Berridge, Henry Dudley, M.A., Fotheringhay, Oundle, North-
,		amptonshire
Dec. 7, 1882		Berry, Edward E., Villa Rosa, Bordigherd, Italy
Dec. 3, 1891		Berry, Thomas William, Granville terrace, Stone, Staffordshire
Dec. 6, 1888		Berry, William, 7, Hampton-park, Redland, Bristol
Dec. 15, 1892		Bersusan, Arthur J., 13, Lansdowne-road, Kensington park, W.
Mar. 1, 1883	Trans.	Bevan, Edward J., 4, New-court, Lincoln's-inn, W.C.
Dec. 2, 1886		Bevan, John William, eare of Sir James Murray and Co.
		Chemical Works, Temple street, Dublin
Dec. 7, 1865		Bickerdike, W. E., Clayton Grange, Wilpshire, near Blackburn
May 4, 1882		Bicket, John High, Laboratory, London Hospital, Mile End
		road, E.
Feb. 18, 1875		Biggart, J. W., Chemical Laboratory, 29, Catheart-st, Greene k
Mar. 7, 1872		Biggs, C. H. W., 140, Salisbury-court, Fleet-street, E.C., and
		Broomfield, Bromley, Kent
Mar. 16, 1882		Billing, Henry S., e o Burnard & Alger, Ld., Plymouth
Dec. 15, 1881		Bingley, John, Northampton
June 4, 1874		Bird, Henry, 95, Darnford-street, Stonchouse, Plymon h
May 20, 1875	Trans.	Bischof, Gustav, Prof., 16, Colville square Bayswaler, W., and
		4, Hart-street, Bloomsbury

FELLOWS OF THE CHEMICAL SOCIETY.

10		FELLOWS OF THE CHEMICAL SOCIETY.
Date of Election,		
April 1, 1880		Black, A. Elliot, 5, Hillsborough-square, Bruce street, Hillhead,
		Glasgow
April 17, 1879		Black, A. H., F.R.G.S., St. John's, Wakefield
Dec. 2, 1886		Blackett, Cuthbert R., Prof., Laboratory, Swanston-street, Old
		County Court, Melbourne
Dec. 18, 1879		Blackburn, Thomas, Aruba Phosphaat Maatschappy, Curaçoa, West Indies
March 5, 1885		Blades, Chas. Mountain, Bay Villa, Chester-road, Northwich,
Startin 9, 1000		Che-hire
Dec. 6, 1883		Blair, Frank A., Broomfield, Melrose, N.B.
June 17, 1886		Blake, James, M.D., F.R.C.S., Middleton Lake Co., California,
		U.S.A.
Mar. 6, 1890		Blake, Robert R. F., Chemical Department, Queen's College, Belfast
May 15, 1890		Blake, William Henry, 31, Norfolk-street, Sunderland
June 3, 1875		Blanshard, Charles Thomas, M.A., Cheltenham House, Epsom
June 16, 1892		Bleckly, Arthur Sanderson, Thelwall Lea, near Warrington
Dec. 4, 1890		Blenkinsop, W. E. B., 15, Earlsfield-road, Wandsworth Common,
Dec. 1, 1000		S.W.
Feb. 19, 1891		Bloomer, Frelerick John, F.I.C., Sunnyside, Byrne-road, Bal-
		ham, S W.
Mar. 6, 1890		Blount, Bertram, Laboratory, Broadway, Westminster, S.W.
Feb. 2, 1838		Bloxam, Arthur G., F.I.C., The Goldsmiths' Institute, New Cross, S.E.
Dec. 20, 1883	Trans.	Bioxam, W. Popplewell, B.Sc. Lond., F.I.C., Royal Naval College,
20,200	1	Greenwich, S.E.
Feb. 2, 1865	Trans.	Blunt, T. P., M.A., Tower-place, Shrewsbury
April 21, 1887		Blundstone, Edwin Richardson, B.A., Cornwall Lodge, Hampton
		Hill, Middlesex
June 3, 1875	Trans.	Blyth, Alexander Wynter, M.R.C.S., 17, Marlborough Hill, N.W.
May 5, 1892		Blyth, Frederic William George, Clifton Wood Villa, Clifton,
• •		Bristol
Dec. 2, 1875		Boake, A., Stratford, London, E.
April 4, 1889		Boam, Frederick William, The Chemical Laboratory, Royal
		Arcade, Leicester
Mar. 1, 1883		Board, Gregory, c/o Whitham Cross, Secretary Colorado Scien-
		tific Society, Box 2658, Denver, Colorado
Feb. 7, 1878		Bodmer, Richard, 8, Grosvenor gardens, Muswell hill, N.
D.c. 6, 1888		Bohm, William Dunsmore, A.R.S.M., F.I.C., 51, The Avenue,
		Acton, W.
Mar. 18, 1869	Trans.	
Feb. 18, 1892		Bond, Frederick Fielding, M.D., Rosemary House, Rastrick,
		Yorks
June 17, 1858		Bond, F. T., M.D., Gloucester

		FELLOWS OF THE CHEMICAL SOCIETY. 11
Date of Election.		
Feb. 1, 1883	1	Bond, Henry C., M.A., Bromley Park School, Bromley, Kent
Mar. 1, 1877		Borland, John, F.L.S., Etruria, Kilmarnock
April 17, 1884		Borland, W. D., Beacon Lodge, Green street, Green, near
,		Dartford, Kent
Mar. 17, 1881		Borns, Henry, Ph.D., 19, Alexandra-road, Wimbledon, S.W.
Feb. 2 1861		Bosanquet, R. H. M., F.R.S., New University Club, St. Jumes'-
2 1001		street, S.W.
June 16, 1831		Bostock, G. H., Avenue-road, Doneaster
Dec. 15, 1881	Trans.	Bothamley, Charles II, F.I.C., Tannton, Somerset
June 16, 1887	Trans.	Bott, William, Ph.D., Raffles Institution, Singapore
Mar. 6, 1873	4 4 4 4 4 4 5 5 5	Bottle, Alexander, 4, Godwyn road, Dover
June 15, 1871		Bottomley, James, B.A., D.Se., Homer terrace, Lower Brough-
June 10, 1011		ton, Manchester
May 15, 1869		Bottomley, James T., M.A., F.R.S., F.R.S.E., 13, University
may 10, 1000		(lardens, Glasgow
Dec. 2, 1886		Botto nley, W. Beecroft, Ph.D., Fern Cliffe, Morecamle near
Dec. 2, 1000		Lancaster
Dec. 3, 1891		Bovell, John R., Dodd's Botanical and Experimental Station,
Dec. 5, 1691		Barbades
A:100 100=		Bowdler, A. C., 20, Wellington street, Blackburn
April 20, 1865		Bower, Frank, 37, Lansdowne-road, South Lambeth-road, S.W.
Dec. 6, 1889		Bowler, G. S., 24, Kent House-road, Sydenham, S.E.
June 21, 1883		Bowman, Frederick H., D.Sc., F.R.A.S., F.L.S., F.G.S., F.S.A.,
Nov. 6, 1862		F.R.M.S., West Mount, Halifax, Yorkshire
Dec 16 1960	Trans.	Bowrey, J. J., Kingston, Jamaica
Dec. 16, 1869	Traus.	Braby, Frederic, Bushey Lodge, Teddington
April 15, 1869		Bradshaw, Charles, 10, The Nook, Barber-rond. Sheffield
June 21, 1888		Bradley, N., 51, Chapman-street, Hulme, Manchester
Mar. 2, 1876 Mar. 17, 1881		Braga, J. F., L.S.A., F.R.G.S., Glen Villa, Halliford road,
mat. 11, 1001		Snubury-on-Thames
Dec. 5, 1872	Trans.	Braham, Philip, 6, George-street, Bath
Nov. 20, 1890	I tulin.	Branson, Charles F., Franktort House, West-side, Clapham
101. 20, 1030		Common, S.W.
Dec. 7, 1882		Branson, F. W., 14, Commercial-street, Leeds
June 15, 1852	Trans	Brauner, B., Ph.D., University of Prague, Bohemia, and Brenut
oune 10, 1002	2 1 14113	Ga-se, 4, Prague, Bohemia
Dec. 6, 1883		Briant, Lawrence, 24, Holborn-viaduct, E.C.
Dec. 4, 1890		Brierley, John Thomas, 249, Bolton road, Chorley, Lancashire
April 19, 1883		Briggs, T. Lynton, 357, Madison-street, Brooklyn, New York,
21p111 10, 10.0		U.S.A.
Dec. 19, 1884		Briggs, William, Burlington House, Cambridge
Feb. 6, 1890		Brindley, George F., Aluminium Company, Oldbury, near B.r.
2 30, 2, 2300		mingham
April 4, 1889		Broadbent, Harry, A.I.C., 125, Belle Vue-road, Leeds

12		FELLOWS OF THE CHEMICAL SOCIETY.
Date of Election.		
Feb. 6, 1879		Broadbent, John J., Ellesmere House, Patricroft, near Man- chester
Feb. 1, 1883		Brock, John, J.P., Wellfield, Farnworth, Widnes, Lancashire
Dec. 18, 1884		Brodie, Sir Benjamin V. S., Bart., Brockham Warren, Betchworth
Dec. 16, 1886		Brothers, Horace Edward, Zaffre Cottage, Golden Hill, Stoke-on-
		Trent
Jan. 17, 1884		Brough, Bennett Hooper, Assoc. R.S.M., F.I.C., F.G.S. 5, Robert- street, Adelphi, W.C.
Nov. 20, 1884		Broughton, Frank, University of London, Burlington-gardens, W.
May 4, 1876	Trans.	Brown, Adrian John, 54, Spring Terrace-road, Stapenhill, Burton on-Trent
Dec. 5, 1867	Trans.	Brown, Dr. A. Crum, F.R S., 8, Belgrave-crescent, Edinburgh
Mar. 17, 1870		Brown, David, 93, Abbey-hill, Edinburgh
June 18, 1891		Brown, Edward, 32, Courlandsky-street, St. Petersburg, and care
		of Wm. Brown, Heaton-street, Cleckheaton
Mar. 20, 1873	Trans.	Brown, Frederic Douglas, Prof., B.Sc., Univ. Col., Auckland, New
		Zealand
Mar. 20, 1884		Brown, Frederick William, Ingleside, Lambourne, Warmiecesten,
		Wilts
May 5, 1892		Brown, George Fitz, The Brougton Copper Company, Ditton
		Copper Works, Widnes
June 17, 1880		Brown, Henry, Cannon Brewery, Watford, Herts
Jan. 19, 1871	Trans.	Brown, H. T., F.R.S, 47, High-street, Burton on-Trent
Mar. 7, 1867	Trans.	Brown, James Campbell, D.Sc., University College, Liverpool
April 19, 1866	Trans	Brown, James T., 28, Annalt-road, Albert Bridge-road, S.W.
Mar. 16, 1881		Brown, Joseph, 3, Plevna-terrace, Savile Town, Dewsbury
May 5, 1882		Brown, Reginald B., Ellerslie, Knighton Park-road, Leicester
Feb. 19, 1891		Brown, Robert John, The Technical School, Stockport
Dec. 18, 1884		Brown, William George, Ph.D., Washington, and Lee University, Lexington, Virginia, U.S.A.
Feb. 20, 1873		Brownen, George, 16, Althorpe-road, Upper Tooting, S.W.
Dec. 4, 1890		Brownsword, Frank, Thorn Villa, Heaton Moor, Stockport
Dec. 6, 1883		Brunker, James Edward, M.A. Univ. Dublin, Minore, St. Kevin's-
		park, Rathmines, Dublia
June 21, 1877	Trans,	Buch, Carl von, 11, Queen Victoria street, E.C., and 1, St.
		James'-street, S.W.
June 21, 1877		Buchanan, J. Y., F.R.S., 10, Moray-place, Edinburgh
June, 1, 1876		Buckmaster, C. A., 16, Heathfield-road, Mill-hill Park, Acton, W.
Mar. 1, 1852	Trans	Buckton, G. B., F.R.S., Weycombe, Haslemere, Surrey
June 20, 1878		Budden, E. Russell, 11, Furnival-street, Holborn, E.C.
Dec. 20, 1842		Bullock, Lloyd, 3, Hanover-street, Hanover-square, W.
Feb. 2, 1883		Bunn, Peter Coulson, junr., 18 and 19, Fenchurch-street, E.C.
Dec. 3, 1591		Burford, Samuel Francis, Eastleigh, Queen's-road, Leicester
Dec. 5, 1889)	Burgess, John, 7. Wellington-road, Peckham

Date of Election.		
June 19, 1884	1	Burgess, William Thomas, A.I.C., 1, Ringley Cottages, Black-
		borough-road, Reigate
Feb. 21, 1884		Burland, Jeffrey H., care of B. R., American Bank Note
		Company, Ottawa, Canada
Mar. 19, 1849	Trans.	Burnard, Charles F., Plymouth Chemical Works, Plymouth
April 15, 1886		Burnett, Edwin, E., 118, Huddleston-road, Tufnell Park, N.
June 4, 1885		Burnett, Joseph Fearon, Worcester street. Oxford
May 4, 1882		Burrell, B. Arthur, 5, Mount Preston, Leeds
Mar. 6, 1890		Burton, William, 45, Liverpool-read, Newcastle Staffs.
Feb. 21, 1884		Bush, Richard A., Holmdale, Baron grove, Mitcham
Feb. 16, 1882		Bush, Baron William de, Thornleigh, Sydenham Hill, S.E.
Dec. 5, 1889		Butcher, W. F., 32a, Lea-terrace, Blackheath, S.E.
Dec. 4, 1890		Butcher, William J., Fairlight, Knight's Park, Kingston-on-
		Thames
Dec. 4,1890		Butler, William Waters, Elmdon, Selly Park, near Birmin, ham
June 3, 1875		Butterfield, J. C., 79, Endlesham-road, Balham, S.W.
Feb. 18, 1892		Butterfield, W. J. Atkinson, 10, Tressillian-crescent, St. John's,
		S.E.
Dec. 6, 1888		Byrn, George Alexander, Technical College, 301, Pitt-street,
		Sydney, New South Wales
Feb. 19, 1891		Byrne, Thomas, 18, Lower Kevin street, co. Dublin
Dec. 1, 1887		Calder, Frank, L.R.C.P. (Lond.), M.R.C.S. (Eng.), Forbes, New
		South Wales
Dec. 3, 1891	i.	Calder, William A. S., 45, Barrington-road, Brixton, S.W.
June 19, 1884		Caley, Edward J., Eaton Old House, Norwich
Dec. 21, 1871		Calvert, J. H., Oakenshaw Print Works, near Accrington
June 17, 1875		Cameron, J. Maedonald, M.P., F.G.S., F.I.C., 5, Raymond-
		buildings. Grays' Inn, W.C.
Dec. 6, 1888		Campbell, John Morrow, B.Sc., co Imperial Bank of Persia,
		Teheran, Persia
June 7, 1888		Campbell, Rev. Joseph, Coogee, New South Wales
Mar. 20, 1884		Cannon, Matthew, Lavender Hill. S.W.
April 19, 1883		Cannon, W. H., 18 and 19, Fenchurch-street, E.C.
Feb. 5, 1863		Carew, R. Russell, Carpender's Park, Watford, Herts, and
		Oriental Club, S.W.
· Feb. 16, 1888	Trans.	Carey, Alfred Edward, M.Inst.C.E., F.R.G.S., F.G.S., 9, Dean's-
		yard, Westminster, S.W.
May 5, 1892		Carey, Arthur, B.Sc., Browside, Gateaere, near Liverpool
June 20, 1889		Cargill, William D., B.Sc., Loughaugh, near Dundee
Feb. 21, 1889		Carmody, P, Prof., F.I.C., Government Laboratory Port of
		Spain, Trinidad
May 6, 1875		Carpenter, H. S., F.I.C., 32, Holborn-viaduct, E.C.; and Perking.
	1	ton House, Weighton-road, Amerley, S.E.

1 t	r	ELEOWS OF THE CHEMICAL SOCIETY.
Date of Election.		
Nov. 17, 1887		Carrington, George, Carrington, Barbadoes, W.I. and Missenden
		Abbey, Great Missenden, Bucks
June 16, 1864		Carteighe, Michael, 180, New Bond-street, W.
Jan. 17, 1853		Carteighe, John, 3, Hereford square, South Kensington, S.W.
Dec. 5, 1867		Carulla, F. J. R., 84, Argyle-terrace, Rose Hill, Derby
Feb. 6, 1879		Cassal, C. E., Vestry Hall, Mount street, Grosvenor-square, W.
Mar. 20, 1884		Cave, Herbert, B.A., Oxon, 11, Pelham-place, South Kensington
Mar. 5, 1874		Chaloner, George, 30, Weston-park, Crouch End, N.
Dec. 2, 1880		Chamberlain, A. G., Rugby
Dec. 20, 1883		Chambres, Gordon Crewe, Rev., Head Master, Wigan Grammar School, Cheshire
Feb. 1, 1983		Chance, Alexander M., Lawn-side, Edgbaston, Birmingham
Feb. 1, 1872		Chandler, Charles F., Ph.D., School of Mines, Columbia College,
-, -,		49th street and 4th-avenue, New York
Feb. 1, 1872		Chandler, William H., Prof, Lehigh University, Bethlehem, Pennsylvania
Feb. 21, 1884		Chantrell, Percy S., 3, Temple-road, Oxton, Cheshire
Feb. 21, 1889		Chaplin, Edward Mitchell, Westgate, Wakt field
June 17, 1886	Trans.	Chapman, Alfred C., 70, Romola-road, Herne Hill, S.E.
Jan. 16, 1868		Chapman, Edward, 60, High-street, Oxford
Des. 18, 1884		Chapman, Herbert M., care of W. A. Dawson, Street Farm,
		Frimley St. Mary, Suffolk
May 7, 1891		Charles, Rhys Pendrill, Plas Newydd, Neath
Dec. 4, 1890		Cheetham, T. A., Allan Glen's School, 68, North Hanover-
		street, Glasgow
April 21, 1887		Chenhall, James Warne, Dart Villas, Totnes, South Devon
Dec. 5, 1878		Cheshire, H. F., Public Analysts' Laboratory, Hastings
Jan. 19, 1882		Chester, Edward D., Nu fi ld, King Charles-road, Surbiton
Dec. 3, 1891		Chorley, John C., 85, Haverstock Hill, N.W.
Dec. 16, 1875		Cheverton, George, F.L.S., South Lawn, Tunbridge Wells
Mar. 15, 1888		Chiddey, Alfred, Sabandija Estate, care of Señor Jose M. Restrepo, Honda, Republic of Colombia, S.A.
Jan. 16, 1868		Child, Gilbert W., Cowley-house, Oxford
Dec. 21, 1871		Childs, Christopher, M.D., Oxon, Lindi-fa ne. Weymouth
June 18, 1874		Christopher, George, Walkden Works, Verney-road, South Bermondsey, S.E.
Dec. 17, 1885		Christopher, Robert G., 35, Chauntler-road, Custom House, Victoria Docks, E.
Dec. 7, 1882		Chrystal, William J., 7, George-street, Glasgow; and Shaw- field Works, Rutherglen, near Glasgow
Mar. 3, 1856	Trans.	Church, Arthur Herbert, F.R.S., Shelsley, Kew, Surrey
April 19, 1888	Trans	Claisen, Ludwig, Ph.D., Chemisches Laboratorium, Technische
• 1		Hochschule, Aachen, Prussia
Nov. 20, 1890		Clark, D. G., 44, St. John's Wood Park, N.W.

Date of Election.		
Dec. 7, 1876	Trans.	Clark, John, Ph.D., 138, Bath-street, Glasgow
April16, 1868		Clarke, Colonel F. C. H., R.A., 15, Brunswick-place, Brighton
Feb. 16, 1852	Trans	Claudet, Frederic, 6, Coleman-street, E.C.
April 15, 1886		Clayden, Arthur W., M.A., F.G.S., Warleigh, 131, Palace
		road, Tulse Hill Park, S.W.
Dec. 7, 1882		Clayton, E. Godwin, F.I.C., Chemical Laboratory, 43 and 44,
		Holborn-viaduet, E.C.
Feb. 21, 1889		Clayton, John William, Benfield, Alma-road, Aigburth, Liver-
		pool
Dec. 4, 1873	Trans	Cleminshaw, Edward, M.A., Alkali Works, Oldbury, near Bi.
		mingham
May 20, 1875		Clerk, Dugald, Driffield Villa, Manor Hill, Sutten Coldfield
May 19, 1856		Clift, Samuel, 63, Dudley-road, West Browwich
Feb. 7, 1878		Cloud, Thomas Charles, A.R.S.M., Walaroo Smelting Wor s,
		Walaroo, South Australia
Mar. 18, 1869	Trans	Clowes, Frank, D.Sc., University College, Nottingham
Feb. 3, 1887		Ccates, William Henry, M.A., M.B., L.S Se, M.R.C S., L.R C P,
		L.S.A., Blenk House, Patrington, Yorkshire
Mar. 6, 1890		Cobbold, Paul Alexander, Warwick School, Warwick
Dec. 18, 1879		Coehran, Michael, M.A., care of Rev. Robert Kirke, D.D., The
		Manse, Hutten, Berwick on-Tweed
Dec. 2, 1880		Cockburn, Arthur Cecil, 22, Streat ey-road, Brondesbury, N.
June 16, 1892		Cockerill, Thomas, 105, Derby-street, Bolton
Feb. 16, 1888		Cocking, Lewis Smith, Wharf Mills, Apsley, Huddersfield
Feb. 17, 1881		Coffin, Walter II., 94, Cornwall-gardens, South Kensington,
	m .	and Junior Athenaum Club, S.W.
Mar. 5, 1885	Trans.	Cohen, Julius B., Yorkshire College, Leeds
Feb. 19, 1891	Duca	Cole, Arthur, B.A., Homeleigh, Berkhamsted, Herts Colefax, Arthur, Ph.D., B.A., Christ Church, Oxford
Feb. 19, 1891	Proc.	Coleman, Joseph Bernard, 37, Waldeck road, Carrington, Not-
April 19, 1883		tingham
T 01 1009		Coleman, Thomas Henry, Regent-street, Wrexham, North Wales
June 21, 1883		Collar, George, B.A., B.Se., 8, Elytoun-road Stockwell, S.W.
April 21, 1887		Collenette, Adolphus, 11, Commercial-arcade, Gueruscy
Mar. 1, 1883		Collens, Edward, Stourport, Worcestershire
Nov. 6, 1873		Collett, John Marton, 7, Brunswick-square, Gloucester
June 16, 1881 Feb. 5, 1885	Trans	Collie, J. Norman, Ph.D., University College, W.C.
Feb. 16, 1888		Collias, W. Hepworth, Analytical Laboratory, 14 and 15,
100. 10, 2000		Bradford chumbers, Mawdsley-street, Bolton le-Moois
Feb. 18, 1892		Collins, Hugh Brown, B.Sc., West Balginy, Glasgow
Feb. 6, 1890		Collins, Sydney Hoare, care of Secretary, Revenue and Agricul-
		tural Department, Calcutta
Mar. 17, 1887	Trans	Colman, Harold G., Ph.D., 28, Duchess road, Edgbast n. Bir-
	4	mingham

16		FELLOWS OF THE CHEMICAL SOCIETY.
Date of Election.		
May 15, 1890		Colwell, James Kear, The College of State Medicine, 101, Great
		Russell-street, W.C.
May 5, 1892		Comyns, Frank B. A., 55, South-street, Durham
June 18, 1891		Congdon, Prof. Ernest A., The Drexel Institute of Art, Science,
		and Industry, Chestnut-street, Philadelphia, Penn, U.S.A.
Feb. 18, 1875		Connor, Charles C., B.A., Notting-hill House, Malone, Belfast
April 19, 1883		Conrad, Edwin C., Portland-road, Gravesend
Feb. 15, 1877		Conroy, Michael, The Hollies, Montpellier-crescent, New Brighton, Cheshire
Jan. 18, 1866	Trans	Conroy, Sir John, Bart., F.R.S., Balliol College, Oxford
April 4, 1889		Cook, Edward Barnwell, Rev., Clifton College, Bristol
Dec. 2, 1875	Trans.	
2, 10, 0		square, Clifton, Bristol
Nov. 5, 1874		Cook, Edward Rider, East London Soap Works, Bow
Nov. 5, 1874		Cook, Henry John, East London Soap Works, Bow
Dec. 4, 1890		Cooke, Arthur William, care of Brotherton and Co., Calder-vale,
1,1000		Wakefield
Feb. 2, 1888		Cooke, F. Barker, F.I.C., Messrs. Bostock and Co., South Dock,
		Garston, near Liverpool
Feb. 3, 1887		Cooksey, Thomas, Ph.D., B.Sc., 21, Brownswood-park, N.
Nov. 15, 1888		Cooley, Walter Bromley, 5, Dudley-street, Wolverhampton
May 18, 1857		Coomber, Thomas, Rosehurst, Clarendon-road, Redland, Bristol
Jan. 17, 1889		Cooper, Albert, Grimston Lawn, Haven Green, Ealing, W.
Feb. 16, 1888		Copper, Astley, Oaklands Chemical Works, Meanwood-road, Leeds
May 7, 1891		Cooper, Walter Johnson, South Wales Cement Works, Penarth, near Cardiff
April 15, 1880		Copas, Edwin Charles, M.A., Portland House, Soho-hill, Bir-
11pm 10, 1000		mingham
May 15, 1890		Copeman, Sydney Monckton, M.A., M.D. (Cantab), Local Govern-
		ment Board, Whitehall, S.W.
Feb. 19, 1891		Corbett, Charles Henry, the Avenue, Troubridge, Wi'ts
Mar. 1, 1866	Trans.	Corfield, W. H., M.A., M.D. (Oxon), F.G.S., Professor of Hygiene
		and Public Health, University College, W.C., and 19, Savillerow, W.
Dec. 3, 1891		Corey, George Edward, the Drostdy, Grahamstown, South Africa
Dec. 6, 1888		Cornish, Vaughan, the George Hotel, Winchester.
April 17, 1890		Corrie, David, Nobel's Explosives Company, West Quarter
		Factory, Polmont Station, N.B.
June 15, 1876		Cortis, Arthur B., Worthing, Sussex
Dec. 5, 1889		Coste, F. H. Perry, B.Sc., F.L.S., Analytical Laboratory, 7,
,		Fowkes'-buildings, Great Tower-street, E.C.
June 16, 1892		Couldrey, Henry, H.M.'s Mint, Bombay, India

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Date of Election.	Date of Election.			
Dec. 17, 1885		Cousins, William J., 11 and 12, Southampton-buildings, Chancery		
		lane, W.C.		
Dec. 16, 1886	Trans.	Coutts, Francis J. H., Green Mount, Plymouth-grove, Manchester		
Dec. 7, 1882	-	Cowie, Thomas R., Rangoon Chemical Company, Rangoon		
Feb. 6, 1873		Cownley, Alfred J., 13, Fenchurch-avenne, E.C.		
April 19, 1898		Cowper, Joseph, 10, King-street, Penrith		
Dec. 2, 1886		Cox, Ebenezer John, Orwell Bank, Greenwell-road, Harborne,		
Dec. 2, 1000		Birmingham		
Dec. 4, 1873				
Dec. 1, 1870	Trans.	Cox, Samuel Herbert, 13, St. Helen's place, London, E.C.		
	rians.	Crafts, Prof. J. M., 59, Marlborough-street, Boston, Mass., U.S.A.		
June 3, 1875		Crampton. George, St. George's Club. Hanover square, W.		
Mar. 16, 1882		Crawley, H. Howard, Sugeen, Bournemouth		
May 20, 1875		Cresswell, Charles Gerard, Ermyngarth, Ashtend		
Mar. 3, 1887		Cribb, Cecil H., B.Sc., 62, Shaftesbury-avenue, W.		
April 4, 1889		Cridland, Francis E. J., Analytical Laboratory, 192, Palmerston		
		buildings, Old Broad-street, E.C.		
June 20, 1878		Criper, William Risdon, Cossipore Chemical Works, 31, Has ing		
		sireet, Calentia		
May 20, 1886	Trans.	Crompton, Holland, 52, Tournay-road, Walham Green, S.W.		
Dec. 3, 1857	Trans.	Crookes, William, F.R.S., 7, Kensington Park-gardens, W., and		
		Athenæum Club, Pall Mall, S W.		
Feb. 6, 1879	Trans.	Cross, Charles Frederick, 4, New-court, Lincoln's-inn, W.C.		
Dec. 4, 1890		Crossley, Arthur W., B.Sc. (Vict.), Ph.D., Universitats, Chemisches		
		Laboratorium, Berlin		
Dec. 2, 1880		Crow, John Kent, D.Sc., 32, Rosemount road, Acton. W.		
Dec. 1, 1887		Crowther, H. Wcodward, Beeches-road, West Bromwich		
June 19, 1884		Crumbie, William D., 146, Washington-street, East Grange, New		
		Jersey, U.S.A.		
Mar. 5, 1874		Cruse, F. V. L., Neva Stearin Works, 65, Schlusselburg-road,		
2011		St. Petersburg, Russia		
Mar. 17, 1837	Trans.	Cundall, J. Tudor, The Academy, Henderson-rew, Edinburgh		
April 4, 1889	Hans.	Cunningham, A. Anchie, 426, Kearny street, San Francisco		
Dec. 27, 1875		Curphey, W. S., 2, Princes square, Strathbungo, G asgow		
Feb. 21, 1889		Curragh, John, Donaghadee, Belfast		
		Custance, John D., Prof. of Agriculture, Gurnard, Cowes, Is'e of		
Dec. 15, 1881				
		Wight		
T2-1 10 1000		Dagger, John H. J., F.I.C, Victoria Villa, Lorne street, Fair-		
Feb. 16, 1888				
D = #000		field, Liverpool Dampier, Henry L., Doddington House, Strood Hill, Rabeter,		
Dec. 7, 1882				
		Kent		
June 16, 1887		Daniell, L. C., The Standard Brewery, Sydney, N.S.W.		
April 15, 1850		Danson, Joseph, Montreal, Canada		
Feb. 18, 1892	l	Darbishire, Francis V., 59, Elisenstrasse II, Dresden		

Date of Election. Nov. 15, 1852

Dec. 3, 1891

May 4, 1871

Darby, Stephen, 140, Leadenhall-street, E.C.

Darling, Thomas, 1, Palace street East, Berwick on-Tweed

Darling, William Howarth, 126, Oxford-street, Manchester

May 4, 1871		Darling, william flowarth, 120, Oxford-street, Manchester
Jan. 17, 1884		Danbeney, Giles, Rev., Treseo Parsonage, Seilly
April 21, 1887		Dauber, Henry, junr., Balgownic, Victoria-road, Waterloo, near
		Liverpool
Nov. 18, 1886		Davenport. Bennett F., M.A., M.D., 161, Tremont street, Boston,
		Mass., U.S.A.
Nov. 18, 1875		Davey, G. W., Cambridge-road, Barking, Essex
May 18, 1876		Davidson, Joseph, Holywell-green, Halifax
June 16, 1881		Davies, Alfred Edgar, Mayfield road, Aigburth, Liverpool
Feb. 1, 1866	Trans.	Davies, Arthur E., Ph D., 15, Queen's cres ent Edinburgh
May 6, 1858	Trans	Davies, Edward, The Laboratory, 28, Chapel-street, Liverpool
Feb. 16, 1882	Trans.	Davies, G. W., Spring-hill, Stockport
May 5, 1892		Davies, Joseph, 28, Robarts-road, Anfield
Dec. 18, 1873		Davies, Robert Higgins, Apothecaries Hall, Blackfriars, E.C.
Dec. 17 1857		Davis, J. Frederick, F.G.S., Archbrook, Budleigh-Salterton,
		Devon
June 6, 1872	Trans.	Davis, Richard Hayton, 26, Regent-parade, Harrowgate
Jan. 20, 1876		Davis, T. Sebastian, 199, South Lambeth-road, S.W.
Dec. 7, 1876		Davis, Walter Charles, Westbury House, Westbury Park, Bristol
Feb. 2, 1888		Day, Albert Wodehouse, B.A., 38, Hava-villas, West Brighton
Nov. 20, 1890		Day, Charles Edwin, 145, Abbey-road, Barrow-in Furness
Mar. 17, 1881	Trans.	Day, T. Cuthbert, 36, Hillside-crescent, Edinburgh
Mar. 3, 1859	Trans.	Debus, Heinrich, Ph.D., F.R.S., 1 Obere Sophien stras-e, Cassel,
		Provinz Hessen, Germany
May 7, 1885	Trans.	Dechan, Martin, Chemical Laborstory, 5. Oliver-place. Hawiek
Dec. 3, 1874		Deck, Arthur, 9, King's-parade, Cambridge
April 1, 1869	Trans.	Deering, W. H., 13, Hervey-road, Kidbrook Park-road, Black-
		heath, S.E.
Dec. 15, 1881		Demarcay, Eugene Anatole, 75, Rue de Courcelles, Paris
Mar. 6, 1890		Dennant, John, F.G.S., Lyndhurst Crescent, Glenferrie, Melbourne
Dec. 1, 1870	Trans.	Dewar, James, Prof., F.R.S., Brook-side, Cambridge
Mar. 4, 1886		Dey, Preo Loll, 4, Beadon-street, Calcut a
Jnne 17, 1880		Dey, Rai Kanny Loll, Bahadoor, C.I.E., 4, Beadon-street, Calcutta
-April 15, 1880		Dibdin, W. J., F.I.C., Mayfield, Grange-road, Sutton Surrey
Dec. 1, 1887		Dickson, T. Arthur, Estate Office, Overstone Park. Northampton
April 18, 1872		Dickenson, Arthur John, F.I.C., 4, Shadeloes-road, New Cross, S E.
Jan. 17, 1889		Dinsberg, Dr Carl, Elberfield, Germany
June 17, 1886		Diogo, Prof. A. C., Hospital Militar, 29 Rua do Evaristo da Veigo,
		Rio d : Janeiro

		FELLOWS OF THE CHEMICAL SOCIETY, 19
Date of Election.		
Feb. 2, 1860	Trans.	Divers, Edward, Prof., M.D., F.R.S., Hongo, Tokyo, Japan
Feb. 5, 1885	Trans.	Dixon, Augustus Edward, M.D., Queen's College, Cork
Feb. 3, 1876	Trans.	Divon, Harold B., F.R.S., Owen's College, Munches er
Dec. 18, 1862		Dixon, W. A., Technical College, 301, Pitt street, Sydney, New
		South Wales
Jan. 17, 1889		Dixon, W. Hepworth, Heatherdale, Woodford Green, Essex
April 17, 1990		Dixon, William, 3. Belle Vue Park, Sunder and
June 15, 1882	Trans.	Dobbie, James Johnstone, M.A., D.Sc. University College,
vanc 10, 1002		Bangor, Wales
Mar. 3, 1887		Dobbin, Leonard, Ph D., Chemical Laboratory, New University.
2,100		buildings, Edinburgh
Dec. 2, 1875	Trans.	Dodd, T. H., Chemical Department, Royal Arsenal, Woolwich,
Dec. 2, 1370		S.E.
April 19, 1888		Dodd, William Henry, 8, Kempson-road, Telbrook F. Ihan S.W.
Nov. 18, 1886		Dodd, W. Ralph, 2, St. Andrew's pavement Dummore road, Am
2.777 20, 2000		hurst park, N.
May 5, 1892		Dodds, George Price, Eversley-place, Heaton, Newcastle-on-Tyne
May 5, 1892		Donaldson, Hudson, Trevyr House, Grantham
Feb. 19, 1891		Donovan, Hendric Thomas, Crumpton street, Bridgetown, Bar-
		badoes, B.W.I.
May 20, 1886		Doran, Robert Elliott, 1, Goldsmith-terrace, Brav. co Wicklow
May 20, 18₹6		Dormer, Richard, Garston.
Dec. 5, 1889		Dott, David Brown, 7, Victoria-terrace, Musselburgh, N B
Dec. 6, 1888		Douglas, William, A.I.C., Damond, Bri ish Guiana, Demerara
Nov. 20, 1884		Down, Frederick J., 28, Victoria-road, Old Charlton, Kent, S.E.
Feb. 3, 1887		Downes, Arthur H., M D., Local Government Board, Whitch dl.
100. 0, 100.		S.W.
Mar. 17, 1859	Trans.	Draper, Harry N., Palmerston-park, Upper Rathmines, Dublin
Feb. 21, 1884		Draper, Henry Carter, 2, Orwell-park, Rathgar, Dublin
June 18, 1891		Dreaper, W. Potter, Crape Silk Works, Ponders End, Middle-
		sey, N.
Mareh 4, 1886		Dresel, Adolphe, e o Société anonyme des Plombs arg nu er
		d'Asprières, St. Martin de Bourlac, Aveyron, France
Dec. 4, 1890		Dudley, William L., Professor, Nashville, Tennessee, U.S.A.
May 5, 1892		Duffi 1d, Walter William, 24, Ursu'a-road, Balters a, S.W
Feb. 21, 1884		Duggan, T. R., Sunny-bank, Vanbrugh hill, Westcombe park,
•		Blackheath, S.E.
Dec. 5, 1889		Dukes, Thomas William, c o Dukes Bros, Caledon and Prince-
		street, Cape Town, Africa
June 16, 1881		Duncan, Arthur William, c o Meurs, Woolley, Sons, & Co.,
		Market-street, Manchester
Dec. 17, 1863		Duncan, James, 9, Mineing-lane, E.C.
June 18, 1591		Duncan, William, The Laboratory, 65, Bath-row, Ld-1
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20	1	FELLOWS OF THE CHEMICAL SOCIETY.
Date of Election.		
June 7, 1888	Proc.	Dunn, John, B.Sc., Morgan Academy, Dundee
Dec. 7, 1882		Dunn, J. T., M.Sc., The School, Gateshead-on-Tyne
Dec. 2, 1885		Dunstau, M. J. R., 9, Hamilton Drive, The Park, Nottingham
Dec. 18, 1879	Trans.	Dunstan, Wyndham, Prof., 17, Bloomsbury-square, W.C.
Jan. 19, 1860	Trans.	Dupré, August, Ph.D., F.R.S., Westminster Hospital Medical
		School, Caxton street, Westminster, S.W.
Feb. 16, 1860		Dupré, Frederick, Ph.D., Stassfurt, near Magdeburg, Germany
June 1, 1871		Durham, Henry, City of London School, Victoria Embank-
		ment, E.C.
Dec. 6, 1883		Durrant, Reginald G., B.A., The College, Marlborough, Wilts
Dec. 6, 1883		Dutta, Ramchandra, Medical College, Calcu ta
Dec. 15, 1892		Duxbury, Thomas, The Corporation Gas Works, Darwen
Dec. 16, 1875		Dyer, Bernard, D.Sc. (Lond.), 17, Great Tower-street, E.C.
Feb. 6, 1890	Trans	Dymond, Thomas Southall, Che'msford
Nov. 19, 1885		Dyson, Gibson, Ph.D., Temple House, Cheetham Hill, Manchester
Mar. 1, 1883	Trans.	Dyson, Septimus, 2, Exchange-place, Middlesbrough
Dec. 7, 1882		Earl, Alfred George, M.A., Science-buildings, Tonbridge School,
1, 1002		Tonbridge
Feb. 1, 1876		Earp, Francis S., Ph.D., Gawler, South Australia
April 4, 1889	Trans	Easterfield, Thomas Hill, 5, St. Andrew's Hill, Cambridge
Dec. 3, 1891	1101115	Eastick, Charles E., Myrtle Bank, Leyton, E.
Feb. 1, 1881		Eastick, John J., Manager, Australasia Sugar Refining Co.,
1, 1001		Melbourne, Australia
Dec. 5, 1878	Trans	Eccles, Herbert, Briton Ferry, Glamorgan
Mar. 17, 1881		Edgell, R. Arnold, M.A., 66, Warwick-road, South Kensing-
3, 1001		ton, S.W.
June 1, 1876		Edmunds, James, M.D., 29, Dover street, Piccadilly, W.
June 22, 1888		Edmunds, Lewis, Barrister at-Law, 1, Garden-court, Temple,
		E.C., and 60, Park-street, Park-lane, W.
Feb. 7, 1848	Trans.	
Dec. 5, 1889		Edwards, Robert Stephen, B.A., Mosley House, Gelert-street,
ŕ		Carnarvon
Feb. 21, 1884		Edwards, Vincent, Lawes' Chemical Manure Co., Barking Creek,
		Es-ex
May 5, 1892		Edwards, Walter N., 4, Herne Hill-road, Camberwell, S.E.
June 16, 1887		Ehrhardt, Ernest Francis, D.Sc., Ph.D., A.M.C. Anilinfabrik,
		Ludwigshafen-am-Rhein
Nov. 20, 1884		Ehrmann, Leon, The Mauritius Engrais Chemiques Co., Port
		Louis, Mauritius
Dec. 1, 1864	Trans.	Ekin, Charles, 143. New Bond-street, W.
Dec. 20, 1883		Ekins, Arthur E., Market-place, St. Albans
Nov. 17, .887		Elborne, William, Richmond Villa, Station road, Cambridge

		THE CHESTICAL SOCIETY,
Date of Election.		
Dec. 3, 1891	Trans.	Elford, Percy, 24, Beaumont-street, Oxford
Feb. 7, 1878		Elliott, Arthur H., Ph.D., 591, Broadway, New York City,
		U.S.A.
Dec. 3, 1885		Ellis, George E. R., Kootenai, Idaho, U.S.A.
April 17, 1890		
		Ellis, Thomas Flower, The Straits Trading Co., Pulo Brani
Feb. 7, 1878		Smelting Works, Singapore
1, 1010		Ellis, W. H., School of Practical Science, Toronto, Ontario,
May 5, 1892		Canada
		Ellison, Henry, junr., Whitechapel-road, Cleckheaton
Mar. 15, 1888		Ellwood, Thomas Asheroft, Kerswell, Cavendish-road, Har-
**		ringay, N.
Mar. 4, 1886	Trans.	Elworthy, Herbert Samuel, Punjah Sugar Works, Sujanpur, via
		Pathankot, Punjab, India
Feb. 5, 1885		Embrey, George, Oriel Lodge, Tuffleigh, near Gloucester
Feb. 3, 1887		Emmons, Hamilton, e o N. H. Emmons, Esq., 40, Water-
		street, Boston, Mass, U.S.A.
June 16, 1892		Entwistle, Herbert, Cross terrace, 476, Padiham road, Burn'ev
Dec. 3, 1885		Epps, James, junr., Norfolk House, Beulah Hill, Upper Nor-
		wood, S.E.
Dec. 5, 1889		Erskine, J. Kerr, Albert Mine, Box 220, Pretoria, S.A.R.,
,		Transvaal, South Africa
June 21, 1883	Trans.	Esilman, Alexander, Fleetwood Lodge, 25, Roe-lane, South-
7 1110 21, 1000		port
May 1, 1862		Esson, William, Merton College, Oxford
Feb. 2, 1865		Esteourt, Charles, St. Andrew's-chambers, 20. Albert-square,
160. 2, 1000		Manchester
Feb. 2, 1888		Estcourt, Philip Anderson, Chemical Laboratory, 20. Albert-
160. 2, 1000		square, Manchester, and Vyrmew House, Talbot rond, Old
35 17 100H		Trafford, Manchester
Mar. 17, 1887		Evans, Alfred J., M.A., B.Se, 453, Romford road, Forest
		Gate, E.
May 7, 1891		Evans, Frederick Arthur, The Cape Copper Co., Ookiep,
		Namaqualand, Cape of Good Hope
June 15, 1876		Evans, Gwilyn, 7, Stepney-street, Llanclly, South Wales
May 17, 1888		Evans, George Thomas, The Terrace, Rhymney, Mon
Feb. 21, 1889		Evans, Philip Norman, Ph.D., 28, Great Ormond street, W.C.
June 16, 1892		Evans, Sir John, K.C.B., F.R.S., Nash Mills, Hemel Hemp-
		stead
Dec. 6, 1888		Everard, Arthur George, 27, Northcote-road, Clapham Junction,
		S.W.
E-1 17 10"0		Faber, H. M., Rev., 1, College-grounds Malvern
Feb. 17, 1876		Faber, Harald N., Fiona, Lennard road, Penge, S.E.
Mar. 15, 1888		Tabel, training W., Tiona, Edinard Today, 10084, 100

22		FELLOWS OF THE CHEMICAL SOCIETY.
Date of Election.		
May 15, 1890		Fairgrieve, Andrew, 40, Marchmont-crescent, Edinburgh
May 18, 1865	Trans.	
		E ist-parade
Feb. 1, 1883		Fallon, J. H. M., e/o. Peruvian Corporation, Ltd., Lima, Perd
Nov. 15, 1888		Farlie, John B., 128, Eglington-road, Plumstead, S.E.
Feb. 6, 1890		Farquharson, A. C., County Asylum, Lichfield
Dec. 1, 1870		Farries, Thomas, 16, Coleman-street, E.C.
Dec. 2, 1880		Farrington, Thomas, M.A., 4, Waterloo-place, Cork
Dec. 1, 1837		Fawsitt, Charles A., 9, Foremount-terrace, Dowanhill, Glasgow
June 7, 1888		Featherstone, W. Burns, Mansion House, Moseley, Birmingham
May 17, 1888		Fell, John Campbell, 188, Stanhope street, Regent's-park, X.W.
Dec. 5, 1878	Trans.	Fenton, H. J. H., M.A., Christ College, Cambridge
June 20, 1872		Ferguson, John, M.A., University of Glasgow
Feb. 4, 1864		Ferreira, A. A., M.P.S., Rio de Janeiro, Brazil
Feb. 21, 1889		Ferrier, David, Edinburgh-terrace, Edinburgh-road, Perth
Nov. 16, 1882	1	Ferrier, James, care of Dr. David Ferrier, 34, Cavendish-
, 1002		square, W.
Dec. 4, 1873		Field, Charles L., Upper Marsh, Lambeth, S.E.
May 15, 1890		Findlay, George H., The Brewery, Boro' Bridge, Yorks
Mar. 7, 1872	Trans.	Fisher, Walter William, M.A., 5, St. Margaret's-road, Oxford
April 3, 1873		Fison, Edward Herbert. Stoke House, Ipswich
April 18, 1872		Fison, Frederick William, M.A., 98, Cromwell-road, S.W.
Dec. 19, 1867		Fletcher, A. E., 13, Christchurch-road, Cronch End, N.
April 16, 1874		Fletcher, Frederick W., North London Chemical Works,
		Holloway, N., and Bennehamp Lodge, Enfield
Dec. 3, 1885		Fletcher, Lazarus, M.A., 36, Woodville-road, Ealing, London, W.
April 18, 1872	Trans.	Fletcher, Thomas William, Museum-street, Warrington
Feb. 18, 1892	*************	Floris, Robert Brooks, 18, Ridgway-place, Wimbledon, S.W.
June 16, 1859		Fogg, Thomas, 6, Clarendon-gardens, Maida-vale, W.
Dec. 5, 1889		Foggie, John, University College, Dundee
May 7, 1885		Follows, Harold, 142, Embden-street, Manchester
Feb. 21, 1853		Foord, George, Royal Mint, Melbourne, Australia
Nov. 19, 1874		Forbes, James, jun., 165, Fenchurch-street, E.C.
Dec. 5, 1889		Ford, John S., care of Messrs, W. Younger and Co., Abbey
,		Brewery, Edinburgh
Mar. 4, 1886		Formoy, James Arthur, 12, Railway-approach, London Bridge
Dec. 15, 1892		Forster, Dr. Martin Onslow, 44, Francis-road, Edgbaston, Bir-
,		mingham
Dec. 6, 1888		Forth, Henry, 17, Herbert-road, Sherwood-rise, Nottingham
Mar. 3, 1856		Forsyth, William Cay, 128, Wellington-road, Heaton Norris,
		Lanes.
April 6, 1865		Foster, Dr. M., F.R S., Trinity College, Cambridge
April 4, 1872		Foster, Reginald Le Neve, The Firs, North-road, Droylsden.
,,		near Manchester

		The Chester Societi.
Date of Election.		
Jan. 18, 1872	Trans.	Foster, William, M.A., Middlesex Hospital, W.
May 7, 1891		Fester, John Alfred, The Laboratory, H. M.'s Dockyard, Port
		mouth
Feb. 2, 1888	Trans	Foster, G. C., F.R S., 18, Daleham-gardens, Hamp-tend,
		N.W.
May 7, 1892		Fowler, Gi bert J., Dalton Hall, Victoria Park, Manche ter
Mar. 16, 1882		Fowler, William, 1, Grace-terrace, Sunderland
June 19, 1854		Foye, Martin Hugh, Townavoltry, Tubbercurry, co. Sl'go,
		Ireland
June 21, 1877		Franchimont, A. E. N., Ph.D., Leiden, Holland
Dec. 18, 1879		Francis, Edward, Rock villas, Derby-road, Nottingham
Nov. 6, 1873		Francis, G. Bult, 38, Southwark-street, S.E.
Nov. 7, 1842	Trans.	Francis, William, Ph.D., F.L.S., Manor house, Richmond, Surrey,
		and Red Lion-court, Fleet-street, E.C.
Dec. 20, 1847	Trans.	Frankland, E., D.C.L., F.R.S., The Yews, Reignte hill, Reignte
June 16, 1881		Frankland, Henry, Streonshalk, Linthorpe, Middlesbro'
Dec. 2, 1880	Trans.	Frankland, Percy Faraday, Ph.D., F.R.S., University College,
		Dundee
Mar. 21, 1867		Fraser, Dr. Angus, 232, Union-street, Aberdeen
May 5, 1892		Fraser, James C., Victoria-square, Adelaide, South Australia
May 7, 1885		Freear, Harry M., Hedgefield, Harpenden, Herts
June 16, 1887		Freeman, Frederick W., 7, Park Hall-place, East Finchley
Mar. 7, 1867		Freeman, J. Hersee, Stratford House, Stratford, E.
April 4, 1889		Free-tone, Joseph T., 5, Kerfield-terrace, New Ferry road, New
		Ferry, Cheshire
April 4, 1889	Trans.	Frew, William, c/o Herrn Hummel, Theresienstrasse 21.
		München, Bayern, Germany
Feb. 2, 1871	Trans.	Friswell, R. J., 115, Darenth-road, Stamford Hill, N.
Dec. 18, 1884		Frost, Joe, Moldgreen, Huddersfield
Nov. 20, 1890		Frost, Robert, B. ightside, Albringham
April 15, 1880		Fryer, Alfred Cooper, Ph.D., M.A., F.R.H.S., Cornwallis Lodge, Clifton, Bristol
Dec. 3, 1891		Fulcher, Lionel William, B.Se., South Kensington Museum, S.W.
Dec. 2, 1886		Fuller, John, Rookwood, Chapter-road, Willesden Park, N.W.
Mar. 1, 1883		Fulton, H. B., 33, St. Dunstans-road, West Kensington, W.
Mai. 1, 1000		
Feb. 18, 1892		Gailleton, Alfred T., Tulloch House, Perth, N.B.
Dec. 1, 1587		Galbraith, D. R. Shirreff, Analytical Chemist, Auckland, New
		Zealand
April 19, 1866		Gale, James, Ph.D., M.A., F.G.S., Galeston, Eton avenue, South
		Hampstead
April 5, 1852		Gale, Samuel, 225, Oxford-street, W.
Dec. 20, 1847	Trans.	Galloway, Robert, 60, Pembridge-villas, Bayswater

Date of Election. Mar. 4, 1875 | Galton, Douglas, Sir, K.C.B., F.R S., 12, Chester-street, Grosvenor-rlace, W., and Himbleton Manor, Droitwich Mar. 17, 1851 ||Gamble, David, Colonel, C.B., St. Helens, Lancashire April 6, 1876 Gamble, J. C., St. Helens, Laneashire Dec. 6, 1883 || Garbutt, Llewellyn. M.D., The College, Winchester Mar. 15, 1888 Gardiner, James H., 59, Wroughton-road, Balham, S.W. June 21, 1877 Gardner, John, 3, Hanover-street, Hanover-square, W. Nov. 15, 1888 Gardner, Walter M., The Yorkshire College, and 28, Cliff-road, Leeds May 5, 1892 Gargari, Haridas, M.A., Agra College, Agra, India Jan. 17, 1889 Garrett, Frederic Chas., B.Sc., College of Science, Newcastleupon-Tyne Jan. 20, 1876 Gaskell, Ernest Holbrook, 5, The Grove, Highgate, N. April 17, 1884 Gaskell, Joseph, 1, Woodlands-road, Cheetham-hill, Manchester Jan. 18, 1847 Gatty, F. A., Holland Bank, Agerington, Laneashire Nov. 4, 1875 Gee, T. Ernest, M.R.C.P., 67, Westbourne-park-road, W. Feb. 6, 1890 Gee, W. W. Haldane, B.Sc. Lond., 124, Raby-street, Moss Side, Manchester Mar. 3, 1887 Geisler, Joseph F., Ph.C., Mercantile Exchange Buildings, Hudson and Harrison-streets, New York May 7, 1885 Gemmell, George Harrison, 4, Lindsay-place, Edinburgh Apri 17, 1879 Gent, William Thomas, Misterton, Gainsborough Feb. 21, 1889 Gerland, Conrad, M.Sc., Ph.D., Chemical Laboratory Technical School, Blackburn; and Accrington Dec. 3, 1891 German, George, Juur., Huntingdon House, Ashby-de-la-Zoueh Feb. 16, 1888 Gerrans, Benjamin H., jun., 47, Aubert Park, Highbury, N. Nov. 4, 1875 Gerrard, A. W., 1, Cantlowes road, Camden-square, N.W. Dec. 6, 1888 Geyzel, John Lawrence Van, Surgeon-Major, Chemical Examiner. Madras, East India Feb. Gibbes, Cuthbert C., M.D., M.C., I.R.C.P. Lond., D.P.H. 6, 1890 Cantab., F.G.S., F.L.S., 3, Wybarn-villas, Surbiton, S.W. May 7, 1891 Gibbins, Bevington H. Ocata, Florida, U.S.A. Feb. 18, 1864 Gibbons, Sydney, Faraday House, East Melbourne, Victoria May 16, 1889 Gibbs, William Taylor, Buckingham, Que, Canada, via New York Mar. 5, 1885 Gibson, Adam, e/o Messrs. Pinkerton, Gibson & Co., Thistlestreet-lane, East Edinburgh

Canada June 16, 1892 Gibson, John Ph.D., F.R.S.E., F.I.C., 15, Hartington Gardens, EdinLurgh

Gibson, W. Humphrey, 107, King's-road, Brighton

Gilbert, Joseph Henry, Ph.D., F.R.S., F.L.S., Harpenden, St. Albans

Gibson, George W., Headingley, P.O., near Winnipeg, Manitoba,

June 21, 1888 Trans. May 18, 1841

Feb. 21, 1884

		PELLOWS OF THE CHEMICAL SOCIETY. 25
Date of Election.		
April 3, 1862	Trans.	Gill, C. Haughton, Sunnydene, Stonard road, Palmer's green, N
Feb. 1, 1833		[Gill, E. Clarendon, Ashford Villa, Gresham - road, Staine-,
		Middlesex
Mar. 17, 1881		Gill, E. J. G., Wellikuppam, Madras Presidency, India
April 19, 1888		Gill, John, Gwerlhellis, Helston, Cornwall
April 6, 1865		Gillman, A. W., Castle Brewery, St. George's road, Southwark
Dec. 3, 1885		Girdwood, Gilbert P., M.D., 54, Beaver Hall Hill, Montreal,
		Canada
Dec. 18, 1848	Trans.	
		Park, W.
Mar. 4, 1886		Glenfield, Francis W. S., 69, Connaught-street, Hyde Park
· ·		square, W.
Jan. 18, 1872		Glover, George Thomas, The Phospho-Guano Company, Sca-
,		combe, Cheshire
April 4, 1878		Goldschmidt, S. A., Ph D., care of Columbia Chemical Works, 43
1 1 1 1 1		to 57, Sedgwick-street, Brooklyn, New York
May 16, 1889		Goldsmith, Byron B., 19, East 74th-street, New York City,
, 20, 2000		U.S.A.
Dec. 4, 1890		Goodwin, Thomas S., Montgomery Cottage, Newton, Glasgow
Nov. 20, 1890		Gordon, Colin, Messrs. McDougall Bros., Mills, Millwall Docks, E.
April 21, 1887	Proc.	Gordon, Hugh, B.A. Oxon., 3, Courtfield-gardens, S.W.
-	1100.	Gordon, J. G., Queen Anne's Mansions, Westminster, S. W.
,	100	
		Gossling, Frank, B.Sc., Condebee, Park Side, Hampton Wick Gothard, Frederic, 205, Ashby-road, Burton-on Trent
Feb. 1, 1883 Jan. 17, 1889		Gott, B S., B.A., Cormium, St. Mark's, Cheltenham
	7 0	Gough, Thomas, Rev., B.Sc. (Lond.), King Edward's School,
Feb. 6, 1879		Retford, Notts
June 16, 1887		Gover, Herbert J., 29, Piccadilly, Hanley, Scaffordshire
Jan. 17. 1889		Gow, Robert J., Halebank-terrace. Ditton, Widnes
Feb. 2, 1871	Trans.	Gowland, William, Buena Vista, Frodsham, Che-hire
Feb. 3, 1887	Trane.	Goyder, George A., Survey Office, Adelaide, South Australia
June 19, 1884		Grace, W. F., 54, York-road, Hove, Brighton
Feb. 6, 1879		Gracey, Robert, Faircombe, The Barnfield, Excter
April 15, 1880	Trans.	Graham, C. Colborne, care of Messrs. Blundell, Spence, and Co.
April 15, 1550	1 rans.	Beverley-road, Hull
May 1, 1862	//////////////////////////////////////	Graham, Charles, D.Sc., 23, Euston-buildings, Gower street
May 1, 1002	Trans.	Station, N.W.
Pak 6 1900		Grant, James, Moss View, St. Mary's road, Moston, Manchester
Feb. 6, 1890 June 16, 1887		Gravill, Edward D., F R.M.S., 6, Addington-road, Stroud Green, N.
,		Gray, George, Canterbury College, School of Agriculture,
Dec. 7, 1882		Lincoln, New Zealand
Feb. 19, 1891		Greaves, Robert Bond, 77, Netheredge road_ Sheffie d
		Green, Alfred H, Oaklands, Lowton St. Mary v, Newton le-
Dec. 4, 1890		Willows
		11 1110 # 5

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Date of Election.		
Feb. 5, 1885	Trans.	Green, Arthur George, Atlas Works, Hackney Wick, E.
June 16, 1887		Green, John Edward, F.I.C., A.R.S.M., 52, Claypath, Durham
Dec. 5, 1878		Green, Herbert, Hayle Mill, Maidstone
Dec. 5, 1878		Green, Lawrence, Lower Tovil, Maidstone
Dec. 3, 1885		Greene, William H., M.D., 204, North 36th-street, Philadelphia
April 2, 1874	Trans.	Greenaway, A. J., 50, Frognal, Hampstead, N.W.
June 4, 1885		Greenway, Thomas J., 8th Avenue, East Adelaide, South
-,		Australia
April 17, 1884		Greenish, Henry G., 20, New-street, Dorset-square, N.W.
May 18, 1871		Greenish, Thomas, F.R.M.S., 20, New-street, Dorset-square,
,,		N.W.
May 15, 1873		Greenwood, William Henry, Birmingham Small Arms and Metal
		Co., Adderley Park Works, Birmingham.
June 18, 1891		Gregory, Alfred John, M.D., B.Sc., 20, Streatham - place,
		Streatham Hill, London, S.W.
May 7, 1885		Gregory, G. M., Ghazipur, N.W.P., India
April 21, 1887		Gregory, W., Steam Brewery, Dartford, Kent
Mar. 1, 1883		Grenfell, Claud, M.A., 29, Chester-square, S.W.
Mar. 5, 1874		Grevile, Henry Leicester, Diersheim, Churchfields, Woodford,
0, 10,12		Essex
April 17, 1884		Grey, William J., 10, Tynevale-terraec, Gateshead
Feb. 2, 1888		Griffith, D. Agnew, c/o Titan Soap Co., Lydia Ann-street,
		Liverpool
June 16, 1859		Griffith, George, Druries, Harrow
Dec. 15, 1881	Trans.	
,	1.00000	Charlotte-road, Edgbiston, Birmingham
April 17, 1879		Griffiths, Thomas, Bowyer House, Bowyer-terrace, Clapham, S.W.
Feb. 19, 1874	Trans	Grimshaw, Harry, Gibbons-street Chemical Works, Bradford,
		Manchester
April 15, 1880		Grimwood, Robert, London County Council, Chemical and Gas
		Department, 40, Craven-street, W.C.
Dec. 5, 1889		Gripper, Harold, 2, Heald-place, Rusholme, Manchester
April 6, 1871	Trans.	Groves, Charles Edward, F.R.S., Kennington-green, S.E.
Dec. 17, 1857		Groves, T. B., Weymouth
April 20, 1871		Grundy, Cuthbert Cartwright, F.L.S., South Shore, Blackpool,
		Lancashire
Jan. 17, 1889		Gudeman, Edward, Ph.D., P.O. Box 3001, New York City,
		U.S.A.
Dec. 6, 1888		Guthrie, Frederick Bickell, Chemical Laboratory, The University
		New South Wales
Nov. 4, 1875		Guyer, James Brett, Wrentham, Higher Erith-read, Torquay
June 4, 1874		Habirshaw, W. M., 159, Front-street, and 315, Madison-avenue,
	1	New York City, U.S.A.

FELLOWS OF THE CHEMICAL SOCIETY. 27		
Date of Election.		
Feb. 7, 1878		Hadkinson, John, Teheran, Persia
Dec. 16, 1886	Trans.	Haga, T., No. 1, Sadowara-Cho, Tokyo, Japan
June 16, 1881		Hailes, Alfred James de, St. Clair, 92, Manor-road, Stoke
		Newington, N.
Jan. 20, 1876	Trans.	Hake, H. Wilson, Ph.D., Westminster Hospital, S.W.
Dec. 3, 1891		Hall, A. D., 38. Franconia road, Clapham Common, S.W.
Jan. 17, 1889		Hall, Allan T., Inglebank, Newlands, Hall
Dec. 3, 1891		Hail, Archibald, 34, Bishopsgate-street, E.C.
Mar. 3, 1887		Hall, Edgar, Albert-street, Brisbane, Qucensland
April 4, 1889		Hall, James, B A., B.Sc., Bancroft's S hool, Woodford, Essex
Dec. 1, 1887		Hall, J. C. August, e o J. C. Hall, Esq , Poste Resunte, Box
		172, Durban, Natal, South Africa
Jan. 17, 1889		Hall, John A., 108, Lloyd-street, Greenheys, Manchester
May 3, 1866		Hall, Marshall, Capt., Easterton Lodge, Parkstone, R S.O.,
., ., .,		Dorset
June 1, 1876		Hall, Samuel, East London Soap Works, Bow
Dec. 18, 1884		Hall, Thomas P., M.A., Ph.D., Clark University, Worcester,
200, 20, 1001		Mass, U.S.A.
May 20, 1886		Halliburton, William Dobinson, M.D. Lond., B.Sc. Lond., F.R.S.,
11aj 20, 1000		M.R.C.P., M.R.C.S., 9, Ridgmount-gardens, Gower-street, W.C.
Dec. 2, 1875		Halse, William, 16, Mark-lane, E.C.
Feb. 3, 1859		Hambly, C. H. Burbidge, Holmeside, Hazelwood, near Derby
April 17, 1890	Trans.	Hambly, Frederick J., University College, Dandee
June 7, 1888	I i tallo.	Hamilton, James C., Trinity Lodge, Edinburgh
May 6, 1875	Trans.	TO THE ME OF THE PARTY OF THE P
2,110		Sydney, N.S.W.
Dec. 7, 1882		Hammersley, W. A. Leslie, Bridge House, Leek, Smff.
Jan. 18, 1877		Hampton, William, 38, Lichfield-street, Honley
Feb. 7, 1857		Hanbury, Cornelius, Flough court, Lombard-street, E.C., and
,		Dynevor House, Richmond, Surrey
Mar. 7, 1872	Trans.	Hannay, James Ballantine, Cove Castle, Loch Long, N.B.
Feb. 21, 1889		Hanson, Alfred Miall, The Marjorie, Whalley, n ar Blackburn
Feb. 3, 1859	Trans.	
April 16, 1863		Harcourt, L. F. Vernon, M.A., Fairholme, Weybridge
Mar. 17, 1887		Harden, Arthur, Ashville, Upper Chorlton road, Manchester
May 7, 1885		Hards, William Benjamin, B.A. Lond., St. John's Collece,
		Battersea, S.W.
Jan. 20, 1876		Hargreaves, James, Peel House-lane, Farnworth, near Widnes,
		Lancashire
June 19, 1884		Hargreaves, John, Widnes, Lancashire
Dec. 16, 1875		Harkness, William, Laboratory, Somerset-house W.C.
June 1, 1876		Harland, R. H., 37, Lombard-street, E.C.
Feb. 7, 1878		Harland, William Dugdale, 45, King-street, Manchetter

28	FELLOWS OF THE CHEMICAL SOCIETY,
Date of Election.	
Mar. 2, 1857	Harley, George, M.D., F.R S., 25, Harley-street, Cavendish-square, W.
Jan. 15, 1874	Harman, Frederick Edwin, M.R.A.C., eare of Dr. Piggott,
T) 4 # 4004	Orchard-gardens, Teignmouth, Devon
Dec. 15, 1881	Harrington, William Bury, Ardsullagh, Old Blackrock-road, Cork
Feb. 21, 1884	Harris, Frank W., Laboratory, G.W. Ry., Swindon, Wilts
Dec. 17, 1874	Harris, Henry Penley, 61, Ladbroke-grove road, North Kensington, W.
Dec. 2, 1886	Harris, Sydney Joseph, Leeds School of Science and Technology, Rossington-street, Leeds
Feb. 7, 1878	Harris, Thomas Frederick, B.Sc., Stuartdene, College-road,
1, 10, 0	Bromley, Kent
May 17, 1888	· ·
June 21, 1883	Harrison, Albert, 72, Windsor-road, Forest Gate
,	Harrison, Hugh Erat, B.Sc., Leigh Chambers, Gt. Ormond-street, W.C., and Faraday House, Charing Cross-road
May 17, 1888	Harrison, J. Burchmere, Government Laboratory, British Guiana
Feb. 19, 1891	Harrold, Frederick W., 12, Hereford-gardens, Park-lane, W.
Feb. 17, 1876	Trans. Harrow, G. H, Ph.D., The Brewery, Messrs. Allsops & Sons, Burton on-Trent
Mar. 4, 1886	Hart, Bertram Harvey, The Elms, Old Charlton, Kent, S.E.
Jan. 21, 1869	Trans. Hart, F. W., Esq., Holly House, 96, Stoke Newington-road, N.
Mar. 15, 1888	Hart, James, 131, Embden-street, Manchester
Dec. 6, 1883	Hart, Thomas, 166, Blackburn-road, Bolton
May 7, 1891	Hart, William Beaumout, Gransmoor Avenue, Fairfield, near
	Manchester
M ir. 16, 1882	Hartley, Arthur, Cannon Brewery, Brighton
Dec. 20, 1866	Trans. Hartley, Walter Noel, Prof., F.R.S., Royal College of Science, Stephen's-green, Dublin; and 36, Waterloo-road, Dublin
Feb. 6, 1890	Hartog, P. J., B.Sc., Owens College, Manchester, and 6, Greville-road, London, N.W.
Dec. 3, 1885	Harvey, Ernest W., A.R.S.M. Hilsrig, Alderbrook-road, Balham, S.W.
Feb. 17, 1881	Harvey, Sidney, Canterbury
Nov. 20, 1890	Haslam, Arthur R., Ph.D., Roseville, 39, Sydney-avenue, Black-rock, co. Dublin
May 6, 1875	Hastings, Henry Mitchell, 54, Edith-road, The Cedars, West
	Kensington
Feb. 18, 1892	Hatton, William Perey, care of W. R. Hatton and Sons, Wormwood Scrubs
Dec. 2, 1880	Hawkes, Alfred E., M.D. Bruss., L.R.C.P. Edin., 22, Aber-
230. 2, 2300	cromby-square, Liverpool
Feb. ' 2, 1888	Hawkins, Lewis Walter. 20 Norton Folgate, London, E.
Mar. 3, 1887	Hay, Alexander, Norwood House, 29, Brook-road, Bristol
Biar. 0, 1001	raj, morander, normood mouse, 25, Diosk-108d, Dristor

		2.7
Date of Election.		
April 15, 1880		Haydon, William Frederick, The Exchange, Birmingham
Dec. 1, 1887		Head, C. James, F.I.C., eare of W. L. Fransmith and Co,
		Ostrow Galodai, Uralskaja, Nos. 3, 4, 5, St. Petersburg Ross a
Dec. 15, 1881		Head, Harold Ellershaw, 24, Auriol-road, West Kensington, W.
Mar. 16, 1876		Head, Jeremiah, Portland-terrace, Redear, Yorkshire
June 21, 1883		Heap, Hargreaves, Rev., B.Sc., The Grammar School, Rotherham,
		Yorks
Dec. 3, 1891		Heath, John William, 33, Upper Glouce-ter place, W.
Dec. 18, 1854		Heaton, Charles W., Charing-cross Hospital, W.C.; and 41,
ŕ		Woodstock-road, Bedford-park, W.
Mar. 3, 1887		Hedley, T. Albert, 41, Jean Baptiste-street, Montreal, Canada
Nov. 2, 1876		Hehner, Otto, 11, Billiter-square, E.C.
Dec. 4, 1890		Heller, William M., King's College School, Strand, W.C.
June 3, 1875		Hellon, Robert, Ph.D., Seascale, vià Carnforth
Jan. 18, 1872		Helm, Henry James, Simonstone, Hammelton-road, Bromley,
0 4117 10, 10, 1		Kent
Dec. 5, 1889		Helbing, H. B., 63, Queen Victoria-street, E.C.
Feb. 5, 1885	Trans	Henderson, George G., M.A., D.Sc., F.I.C., the Technical College.
1 00. 0, 100.	A 1 16415	204, George street, Glasgow
Feb. 18, 1892		Hendrick, James, Laurel Cottage, Watermoor, Cirencester
April 19, 1883		Henning, E. C., The Bow Brewery, Bow, E.
Feb. 21, 1853		Hepburn, J. G., LL.B., Dartford, Kent
June 18, 1885		Hepworth, Thomas Cradock, 45, St. Augustine's road, Camden-
June 15, 1885		square, N.W.
Feb. 16, 1871		Herman, Douglas, Eccleston park, Prescot
June 15, 1876	Trans	Heron, John, eare of Messrs. Garton, Hill, & Co., Southampton
June 10, 1570	ITAUS.	Wharf, Battersea, S.W.
May 5, 1892	Trans.	Hewett, John Theodore, St. John's College, Cambridge
	mans.	Hewlett, John C., 40, Charlotte street, Great Eastern street,
Feb. 18, 1892		London, E.C.
June 21, 1883	Trans.	Heyeock, Charles T., M A., 24, Fitzwilliam-street, Cambridge
Feb. 16, 1882	1.000000	Heves, J. F., Rev., M.A. Oxon., F.R G.S., Mag lalen College, and
100. 10, 1002		32, Hempstall-road, West Hampstead, N.W.
April 1, 1875		Heywood, Charles A., Ivy Bank, Cardiff
Dec. 1, 1864		Heywood, Henry, Cardiff
Dec. 1, 1887		Heywood, J. Garnett, 127, Sutherland avenue, Maida Vale, W.
Feb. 6. 189		Heywood, Joseph H, 23, Holland street, Rochdale
April 3, 1848		Heywood, J. S. C., 19, Inverness terrace, Kennington gard na
April 3, 1043		W.
June 1, 1876	Trans	Hibbert, Walter, 14, Goldhurst-terrace, South Hampstead, N. W.
Feb. 21, 1889		Hickey, John Joseph, Heathfield, Seymour grove, Old Testlard
Mar. 17, 1881		Hiddingh, Michael, Newlands, near Caretown
May 7, 1891		Hiepe, William L., Ph.D., The Laboratory, Knyert Bu Dras,
		Withy Grove, Manchester

30		FELLOWS OF THE CHEMICAL SOCIETY.
Pate of Election.		
Jan. 20, 1870	1.	Higgins, Clement, M.A., 5, Trebovir-road, Farl's Court-road, W.
March 16,1882		Hill, Alexander, Campanas, 15, Cordo-va, Spain
Dec. 16, 1858		Hill, Alfred, M.D., F.I.C., Medical Officer of Health, The Council
		House, Birmingham
Feb. 7, 1853		Hills, Frank C., Chemical Works, Deptford, S.E.
Mar. 5, 1892		Hills, Harold F. 149, Bow-road, London, E.
May 15, 1873		Hills, Walter, 225, Oxford-street, W.
Feb. 7, 1878		Hind, H. R., 67, High-street, Clapham, S.W.
May 5, 1892		Hinnell, Henry Leonard, Knowsley-chambers, Bolton
Jan. 20, 1870		Hislop, G. R., Gasworks, Blackstoun-road, Paisley
Nov. 18, 1886		Hislop Lawrence, Dalmeny, Saltney, Chester
June 21, 1883		Hobbs, Bedo, The Brewery, High-street, Maidenhead
Dec. 18, 1884		Hodges, Herbert J., Stoneleigh, Worp'e-road, Wimbledon
April 15, 1844	Trans.	Hodges, John F., Prof., M.D., F.I.C., J.P., Queen's College,
		Belfast, and Sandringham, Malone-road, Belfast
Nov. 16, 1882	Trans.	Hodgkin, John, F.L.S., F.I.C., 12, Dynevor-road, Richmond-
		on-Thames
Dec. 18, 1879	Trans.	Hodgkinson, W. R. Eaton, Prof., Ph.D., F.R.S.E., 8, Park-
		villas, Blackheath, S.E.
April 15, 1886		Hodgson, Christopher, High House, Eppleby, Darlington
April 17, 1873		Hodgson, H. Tylston, Harpenden, Herts
Dec. 1, 1887		Hogben, Walter, 15, Pilrig-street, Edinburgh
May 7, 1885		Hogg, Edward Grindle, 1, Southwick-street, Hyde Park-square,
		W.
Mar. 1, 1883		Hogg, W. Douglas, M.D., 62. Champs Elysées, Paris
April 17, 1890		Holburn, A., Cowan, B.Sc., 10, West-garden-street, Glasgow
June 11, 1876		Holcroft, Harold, M.A., 56, Compton-road Wolverhampton
Dec. 3, 1885		Holgate, Thomas, 12, Hyde Park-road, Halifax
Mar. 16, 1876		Holland, Philip, 27, Albert road, Southport
Dec. 3, 1891		Holliday, John, The Gas Works, Scarboro'
Dec. 2, 1880		Holliday, Robert, Huddersfield
June 18, 1891		Holloman, Frederick R., 54, Russell-road, Custom House, E.
Mar. 4, 1886	1	Holloway, George Thomas, 57 and 58, Chancery-lane, W.C.
Dec. 2, 1886		Holt, George Crompton, Soap Manufacturers, Albion Works,
		Congleton, Cheshire
May 4, 1865		Holzmann, M., Ph.D., Marlborough-house, S.W.
Feb. 7, 1878		Hooker, A. H., Board of Health, Cairo. Egypt
Mar. 1, 1883		Hooper, David, Ootacamund, Madras Presidency, India
May 17, 1888		Hooper, E. Grant, 24, Bloomfield-terrace, Buckingham Palace-
		road, S.W.
Feb. 19, 1891		Hooper, Ernest F., e'o Messrs Burt, Boulton, and Haywood,
	1	Prince Recent's Wharf Victoria Docks E.

Prince Regent's Wharf, Victoria Docks, E. Hope, Charles Frederick, Prof. M.R.A.C., 34, Grosvenor-terrace, May 7, 1885 York

		FELLOWS OF THE CHEMICAL SOCIETY, 31			
Date of Election.					
Feb. 3, 1887		Hori, E., Tokyo Hygiene Laboratory, Kauda Ku, Tokyo, Japan			
Dec. 15, 1892		Horsfall, John, Plantation House, Cloughfold Lancastice			
Mar. 4, 1886		Hoskins, Arthur Percy, Corporation Gas Works, Bellast			
Dec. 7, 1882		Hotblack, Herbert A., Cannon Brewery, Brighton			
Feb. 16, 1871		Houlder, W. W., 10, Ossulton villas, Southall-green, Southall			
Mar. 17, 1887	Proc.	Houlding, William, B.Sc., Stanley House, Anfield, Liverpool			
Dec. 7, 1882		Howard, Alfred C., The Green, Tottenham, and Stratford, E.			
Feb. 18, 1869		Howard, Alfred K., Flint, North Wales			
Nov. 3, 1870	Trans.	Howard, David, Rectory Manor, Walthamstow			
April 21, 1887		Howard, D. Lloyd, jun., Rectory Manor, Walthamstow			
Dec. 18, 1879		Howard, John, 22, Ashby-road, Canonbury			
Mar. 4, 1875		Howard, Thomas, 50, Ellington street, Liverpool rond, N.			
June 20, 1889		Howard, George William, 49, Pier-rond, Erich, Kent			
Dec. 7, 1882		Howe, J. Lewis, M.D., Ph.D., Scientist to the Polytechnic			
		Society, Louisville, Kentucky, U.S.A.			
Feb. 19, 1880		Howell, Reginald, 95A, Southwark-street, S.E.			
Jan. 20, 1876		Howie, W. L., Cornbrook House, Clarendon-road, Eecles, Lan-			
		cashire			
May 20, 1886		Howson, George W. S., Uppingham School, Rutland			
April 4, 1889		Hoyle, Richard Ashworth, 11, Market-square, Lytham, Lancs			
April 4, 1889		Hoyles, Henry Richardson, care of Messrs. Treacher and Co.,			
		Byculla, Bombay			
Mar. 2, 1871		Hudleston, W. H., M.A., F.G.S., 8, Stanhope Gardens, South			
,		Kensington, S.W.			
Feb. 21, 1878		Hudson, William, B.Sc. (Lond.), The Lilies, Twickenham			
Feb 23, 1841		*Hughes, F. R., Bo'ness, Linlithgowshire			
June 17, 1880		Hugines, George Henry, Analytical Laboratory, Barbadocs, West			
,		Indies; and 79, Mark-lane, E.C.			
Dec. 17, 1868		Hughes, John, Analytical Laboratory, 79, Mark Jane, E.C.			
May 17, 1888		Hughes, John, 3, West-street, Finsbury-circus, E.C.			
Dec. 5, 1889	Trans.	Hughes, Robert Edward, B.Sc. (Lond.), Sunningdale; S. Gilridge			
, .		road, Eastbourne; The College, Eastbourne			
June 4, 1885		Hughes, T. Vaughan, Greenfield Mids, Holywell, North Wales			
Nov. 16, 1882		Hughes, Thomas, Borough Analyst, West Wharf Cardiff			
Nov. 20, 1884		Hulme, James, Mount House, Hollingworth, Hadfild, n'ar Man			
		chester			
April 19, 1883		Humphrys, Norton II., 4, The Paragon, Wilson read, Sallabury			
Dec. 18, 1879	Trans.	Hummel, J. J., 7, Moorfield-villas, Woodsley road, Leeds			
Mar. 18, 1869		Hunt, Charles, Birmingham Gas Light Works, Wind r tr 1.			
		Birmingham			
Feb. 1, 1883	Trans.	Hunter, John. Minto House, Medical School Edulaurth			
Dec. 3, 1885		Hunter Matthew, M.A. Oxon, Rangoen Code e Low r Born b			
April 4, 1878	1	Huntington, A. K., Prof., Metallurgical Laboratory, kin			
	College, W.C.				

02		ELLOWS OF THE CHEMICAL SOCIETI.
Date of Election.		
Dec. 3, 1885		Hurst, George H., 22, Blackfriars-street, Salford
Dec. 3, 1885		Husband, John Cecil, 57, George-street, Cheetham, Manchester
Mar. 21, 1861		Huskisson, H. O., 77, Swinton-street, Gray's inn-road, W.C.
Feb. 6, 1890	Trans	
Jan. 17, 1884		Hutchinson, C. Clark, 193, Romford-road, Stratford, E.
	i	The state of the s
Feb. 7, 1867		Ince, Joseph, 11. St. Stephen's-avenue, Shepherd's bush, W.
April 4, 1889	Proc.	Ingle, Herbert, Poole, near Leeds
Nov. 15, 1888		Ingram, A. C., Mounsey, 5, Buchanan-terrace, Paisley
Jan. 19, 1882		Irons, Herbert E. J., Chatham, New Brunswick, Canada, and
		Hapenden, St. Albans
Dec. 7, 1871		Irvine, Robert, Royston, Granton, near Edinburgh
Dec. 6, 1883		Irwin, Wilfred, The Grange, Polygon-road, Higher Crumpsall,
		Manchester
Dec. 15, 1892		Isaac, John F. V., 18, Montserrat-road, Putney, S.W.
Feb. 16, 1882		Isherwood, Thomas, University School, Southport
Dec. 16, 1875		Ivey, W. Edward, Canterbury College, School of Agriculture,
		Lincoln, New Zealand
Nov. 19, 1885		Ivatt, Albert, B.A., 11, Willis-road, Cambridge
Feb. 1, 1883		Jackson. Alfred H., B.Sc., Prof., c'o Wm. Bowen and Co., Collins-
		street, W , Melbourne, Australia
Dec. 7, 1882		Jackson, Edward, 27, Beaufort-road, Edgbaston, Birmingham
Dec. 5, 1889		Jackson, Eric H., B.Sc., 61, Portland-street, Manchester
Dec. 18, 1884	Trans.	Jackson, Herbert, 3, Amyand Park Gardens, East Twickenham
Dec. 4, 1890		Jackson, John Richard, 51. Abbotsford-place, Glasgow
Dec. 15, 1881		Jackson, Wm., F.G.S., 61, Beaconsfield-terrace, Northampton
Mar. 6, 1890		Jackson, John Charles, M.R.C.S., L.R.C.P., 2, Fulham Park-
		villas, Fulham, S.W.
Dec. 6, 1883		Jackson, Robert, 18, Harrington-street, Dublin
Dec. 15, 1884		Jackson, R. Valentine, Ph.D., care of the Scotch and Itish
		Oxygen Company, Polmadie, Glasgow
Dec. 6, 1888		Jackson, Urban Arthur, 43, Great Ducie-street, Strange-ways,
		Manchester
June 16, 1887		Jadhava, K. B., Baroda, Bombay Presidency, India
May 16, 1878	_	Jago, William, F.I.C., 32, Clarendon-villas, Brighton
Feb. 18, 1888	Trans.	James, Christopher, care of Elliott's Metal Company, Pembrey
		Copper Works, R.S.O., Bury Port, South Wales
Feb. 17, 1881	Trans.	James, J. William, Ph.D., 29, Redcliffe-street, Bristol
Feb. 7, 1878	m	Jamieson, Alexander, 5, St. Mark's-erescent, Regent's Park, N.W.
Feb. 6, 1879	Trans.	† Japp, F. R., M.A., LL.D., Ph.D., F.R.S., University, Aberdeen
Nov. 16, 1882		J'armay, Gustav, Winnington-park, Northwich, Cheshire
Feb. 19, 1891		Jenkins, Henry Charles, 17, St. Julian's-road, Kilburn, N.W.

† Longstaff Medallist, 1891.

	F	ELLOWS OF THE CHEMICAL SOCIETY.	33
Date of Election.			
Nov. 20, 1890		Jenkins, Wallis, 9, Arnold-street, Aulaby-street, Hull	
May 5, 1887		Jenkins, John H. B., Chemical Laboratory, G. E. Ry Worl	kв,
Feb. 1, 1883		Stratford, E.	
Feb. 1, 1883 April 17, 1879		Jenner, Thomas, Brewery Honse, Taunton	
Feb. 4, 1875		Jewson, Francis A. B., 11, Kenwyn-road, High street, Claphan	1
100. 4, 1075		Johnson, David, F.G.S., F.R.M.S., 3, Victoria road, Clapha S.W.	111,
Dec. 18, 1884		Johnson, Frank, Thariss, Huelva, Spain	
Feb. 21, 1878	Trans.	Johnson, George Stillingfleet, 11, Savile row, W.	
Feb. 1, 1883		Johnson, James Edward. 40, Edmiston-road, Stratford, E.	
May 16, 1872		Johnson, John Grove, 41, Cross-street, Finsbury, E.C.	
May 20, 1886		Johnson, J. T., Oakham School, Rutland	
Dec. 6, 1883		Johnson, Samuel, 174, Queen's-road, Everton, Liverpool	
May 10, 1866		Johnson, Samuel II., Warren Hill House, Loughton, Essex	
Dec. 18, 1884		Johnstone, James D., Moss Bank, Fettercairn, Lawrence-kin N.B.	rk,
April 17, 1879		Johnstone, William, 13, Fish-street-hill, Easteheap, E.C.	
Dec. 15, 1892		Johnston, William George, 4, Hilgrove-rond, Finelitey-ron	اره
2700. 10, 1002		South Hampstead, N.W.	161
May 20, 1886		Jones, A. Wentworth, B.A., 15, Cambridge gardens, Folkst in	
April 6, 1871	Trans.	Jones, E. W. T., Pennfields, Wolverhampton; and 10, Victor	
., ., ., .,		street, Wolverhampton	210
Dec. 4, 1873	Trans.	Jones, Francis, F.R.S.E., Beaufort House, Alexandra, Par	rk.
,		Manchester	, ,
May 4, 1876	Trans.	Jones, H. Chapman, Royal College of Science, South Kensu	1.
		ton, S.W.	0
May 16, 1878		Jones, Henry William, Grosvenor-street, Coventry	
Dec. 15, 1856		Jones, Hodgson, Meadowville, North-road, Highgate, N.	
May 15, 1830		Jones, John Archyll, 26, Baker-street, Middlesborough	
Feb. 19, 1891		Jones, M. William, 343, Aspen-terrace, Church, Lancashire	
Feb. 18, 1892		Jones, Lionel Mantred, Royal College of Science, South Kensin	ıg-
May 7, 1891		Joseland, Walter Herbert, Mitchell's Wood Cottage, ne	ar
may 1, 1001		Chesterton, Staffordshire	
Feb. 21, 1891		Jowett, William Hall, Blackburn	
Dec. 16, 1886	Trans.	Kawakita, Michitada, Engineering College, Tokyo, Japan	
Feb. 17, 1881	Trans.	Kay, William E., Gowansbank, Busby, near Glasgow	
June 2, 1856	Alama,	Kay, William, Rev., B.A., 114, Mount street, Grosvener - pm.	re,
June 2, 1000		W.	
Dec. 5, 1889		Kaye, James R., M.D., Medical Officer of Health Town Ha Huddersfield	all,
Dec. 20, 1883		Keeling, Frank, Dapdune Cottage, Guildford	
Dec. 7, 1882		Keen, Austin, Sunny Bank Vidas, Ed r ou. Hudder Edd	
Dec. 1, 1002		C.	

		The state of the s
Date of Election.		
Mar. 19, 1874		Kellner, William, Ph.D., Chemical Department, Royal Arsenal Woolwich, S.E.
April 1867		Kemp, David Skinner, Missenden Villa, Coverdale-road, Shep-
*		herd's Bush, W.
May 4, 1882		Kemp, William Joel, Mountfield, Hawkhurst
Dec. 18, 1884		Kendall, George Frederic, B.A., The Hollies, Stratford-upon-Avon
Dec. 17, 1874		Kendall, James Alfred, Lonesome Chemical Works, Streatham Common, S.W.
Dec. 5, 1889		Kenwood, Henry R., M.B., C.M. (Edin.), L.R.C.P. (Lond.), 189, Adelaide-road, N.W.
Dec. 20, 1883		Kerry, William H. R., Wheatlands, Windermere
April 15, 1875		Keyworth, George Alexander, St. Hilary, Hastings
Dec. 7, 1882		Kilner, Frederick James, Royal Infirmary, Bristol
April 15, 1886		Kilpatrick, Charles, Laboratory, Health Office, Holt Town Depôt,
1 ,		Manchester
Jan. 17, 1934		Kilpatrick, W. Stirling, 4, Annfield-place, Glasgow
Nov. 20, 1890		Killop, John M., Puloh Brain Smelting Works, Singapore
Feb. 15, 1872	Trans.	Kinch, Edward, Royal Agricultural College, Circucester
Feb. 17, 1881	Trans.	King, Alfred John, Ingersley Vale, Bollington, near Macclesfield
Mar. 15, 1888		King, C. Mill rd, 21, Godliman-street, E C.
Dec. 7, 1876		King, J. F., Laboratory of City Analyst, Edinburgh
Dec. 5, 1872	Trans.	Kingzett, Charles T., Trevena. Amhurst-park, London, N.
Mar. 1, 1877		Kinninmont, Alex., 21, Abbotsford-place, Glasgow
May 7, 1891	Trans.	Kipping, F. Stanley, Ph.D., D.Sc. (Lond.), 7, Melborne-grove South Kensington
Dec. 2, 1886		Kirby, Herbert E., 307, High Holborn, W.C.
May 15, 1890		Kirk, Oliver, Blaemire, Greysouthen, via Carlisle
Feb. 2 1888	Trans.	Kirkland, J. Booth, Princes-hill, Carlton, Melhourne, Victoria
May 17, 1888		Kirkman, Henry James, Landore, Alkali Works, Swansea
June 19, 1873		Kitchin, Archibald, F.I.C., Scragill House, Whitehaven
May 16, 1889		Kitchin, John, The Middlesex Hospital, W.C.
J'ec. 6, 1888		Knaggs, Alfred Battye, Springfield Mill, Morley, near Leeds
Mar. 5, 1885		Knight, Alfred Henry, 34, Bentley-road, Prince's-park, Liver pool
June 20, 1889		Knight, Frederick Charles, Boston and Colorado Smelting Company, Argo, Colorado, U.S.A.
Way 16, 1878		Knights. James West. County Labor tory, Cambridge
Dec. 5, 1889		Knott, Frederick Thomas, The Laurels, Eltham-road, Lee, S.E.
June 18, 1891		Knowles, John, Messrs. Bowman, Thompson and Co., Lostock
		Gralam, near Northwich
Dec. 18, 1879		Knowles, Joshua, Stormer hill, Tottington, Bury
June 16, 1864	-	Knox, G. W., B.Sc., Hoole's-chambers, Bank-street, Sheffield
Feb. 6 1873		Koch, Walter Edward, M.A., F.G.S., Sharpsburg, Allegheny
	1	County, Peunsylvania

		TELLOWS OF THE CHEMICAL SOCIETY, 35
Date of Election.	14	
Nov. 17, 1887		Koga, Yoshimasa, The Imperial Mint, Osaka, Japan
June 17, 1856		Kohn, Charlers A., Ph.D., B.Sc., Chemical Laboratory, University
		College, Brownlow-street, Liverpool
June 8, 1885		Koningh, Leonard de, 325, Kennington-road, S.E.
Feb. 17, 1859	Trans.	Kynaston, Josiah W., Chemical Laboratory, 3, Oak terrace,
,		Beech street, Liverpool
		Deciti Street, Liverpoor
Feb. 3, 1859		Lackaratoon Mark Homes M.D. M.D.G.D. 1 . 1 M.D.G.D.
200. 0, 1000		Lackersteen, Mark Henry, M.D., M.R.C.P. Lond., M.R.C.S.
		Eng., F.L.S., Medical School, and 163, State street, Chica o,
Feb 10 1000		Illinois, U.S.A.
Teh. 16, 1888		Lafosse, Charles R., Abbotsford, Wildercombe Park, 1 fraga by
Dec. 15, 1892		Lamb, Thornton Charles, The Polygon Ardwie Munchester
Jan. 18, 1877		Lancaster, William James, F.R.A.S., F.R.G.S., F.R.M.S., The
		Hollies, Handsworth Wood, Birmingham
Mar. 4, 1886		Lang, William, jun., Cross Park, Partlek, N.B.
June 18, 1885		Langer, Charles, Ph.D., 5. Redesdale-terrace, South Hampstead
May 7, 1891		Langham, Rev. E. Norman, M.A. (Cantab), F.L.C., Head
		Master, Rastrick Grammar School, Brighouse
June 21, 1877	Trans.	Lapraik, William, Ph.D., F.I.C., Chemical Laboratory, St.
		Bartholomew's Hospital, E.C.
June 21, 1883		Lascelles, B. P., B.A., Harrow
April 15, 1880		Last, Frank B., Laboratory, 78, Mansell terrace, Swansca
May 7, 1891		Lander, Alexander, University College of North Wales, Sanger
Feb. 21, 1889		Lauer, Wm. Eggleston, 657 and 659, Broadway, New York City
Mar. 4, 1886	Trans.	Laurie, Arthur P., 49, Beaumont-quare, Mile End, E.
Nov. 16, 1876		Law, Channell, Ilsham Dene, Torquay
Feb. 6, 1890		Law, Robert, F.R.M.S., The Royal Mint Methodrne
June 17, 1850	Trans.	
June 17, 1880		Lawrance, Henry Awbrey, 28, Grest nor-road, Conners dry, W.
Jan. 19, 1882		Laws, J. Parry, 3, Fyfield-road, Oxford
Feb. 2, 1888	Trans.	
= ,	2101101	X.W.
April 17, 1890		Laycock, William Frederick, Ph.D., 2, Park street Dew bu v
April 17, 1890		Lea, A. Sheridan, Cains College, Cambridge
Dec. 16, 1886		Leach, Walter, 27, St. Andrew's place, Brudford
April 4, 1889		Leaper, Clement Joseph, 19, Belvidere real, Faunton, Commercia
Feb. 2, 1388		Lease, Frank E., Melnpi Estate, Sandakan, British North Ber
Dec. 3, 1891		Leather, J. Walter, Ph. D., care of Land Revenue and American
Dec. 5, 1891		tural Department, Government of India, Calculta
Dog 5 1990		Ledingham, L. Napier, Longley Farm, Longley 1 ar Shefield
Dec. 5, 1889		Lee, Herbert C., The New Westminster Brewery I may be
Dec. 6, 1883		
E 1 1 1000		Earl-street, Horseferry-road, S.W.
Feb. 1, 1883		Lee, Robert Brewer, B.Sc., B.A., 6, Warwick-bree, K. nellig' v.
		W.

Date of Election,		
June 18, 1891		Leeds, Frank H. 26, East Bank, Stamford-hill, N.
Mar. 1, 1883		Leeming, T. H., Burneston House, Barking-road, Plaistow, Essex
Feb. 6, 1873		Lees, Charles, Grange College, Leominster
Dec. 1, 1887		Lees, Samnel, jun., Park Bridge, Ashton under-Lyne
Dec. 3, 1891		Leffler, Rudolf, 21, Havelock-street, Sheffield
May 16, 1889		Legg, John Edmund, M.A., F.I.C., Weymouth College, Ing
7)		Ravan, Carlton-road, Weymouth
Dec. 18, 1879		Leibius, Adolph, Ph.D., Royal Mint, Sydney
May 7, 1891		Leicester, James, 3, Queen's Parade, Brandon Hill, Bristol
Jan. 17, 1889		Leigh, Cecil, Birmingham Small Arms and Metal Company, Adderley Park Rolling Mills, Birmingham
Dec. 1, 1887		Lennox, David, M.D., 144, Nethergate, Dundee
Dec. 3, 1891		Lennox, Robert N., 3, Inverness-terrace, Fulham, S.W.
Jan. 17, 1889		Lenox, Lionel R., Ph.B., Leland Stamford University, Palscelto, California
June 17, 1886		Leon, John Temple, 38, Portland-place, W.
Jan. 19, 1882		Lescher, Frank Harwood, 60, Bartholomew-close, E.C.
April 17, 1890		Lescher, Herman, 61, Egerton-gardens, South Kensington
Feb. 6, 1879	Trans.	Letts, Edmund Albert, Ph.D., Queen's College, Belfast
April 19, 1883		Levy, Lawrence, 3, Yew Tree Avenue, Carrington, Notts.
Mar. 15, 1388	Trans.	Lewes, Vivian B., 19, Park-row, Greenwich, S.E.
Mar. 20, 1884		Lewis, A. E., 94, Tritonville-road, Sandymount, Dublin
Nov. '8, 1869	Trans.	Lewis, W. J., Mineralogical Museum, Cambridge
Feb. 16, 1888	Trans.	Lewkowitsch, Julius, Ph.D., Whitehall Soap Works, Leeds
Feb. 21, 1878		Liehtenstein, T., Chemical Works, Silvertown, E.
April 15, 1880		Liepmann, Henry, Ph.D., Chemical Laboratory, 40, Lexham-
		gardens
June 21, 1866		Lightbown, J. H., 13, Victoria-crescent, Eccles, near Manchester
May 5,1892		Lindley, Hubert Edward, 13, St. Bartholomew-road, Camden-road, London, N.
Mar. 5, 1874		Linford, J. S., 16, Gladstone-street, Aulaby-road, Hull
April 15, 1886	Trans.	Ling, Arthur R., Carlton Villas, Lambton-road, Cottenham Park, Wimbledon
Feb. 7, 1878		Linnell, Arthur, New Cransley Iron and Steel Co., Kettering
May 5, 1892		Lintern, Albert A., B.Sc., Kendrick School, Reading
Nov. 21, 1853		Liveing, G. D., M.A., Cambridge
Nov. 7, 1872	Trans.	Liversidge, Archibald, F.R.S., Prof., University, Sydney, New South Wales
June 21, 1883		Livingston, W. J., London County Council, Spring-gardens, S.W.
Feb. 19, 1880		Lloyd, Alfred, The Dome, Bognor, Sussex
Feb. 3, 1876	Trans	Lloyd, F. J., Agricultural Laboratory, 4, Lombard-court, E.C.
Jan. 17, 1889	7 144115	Lloyd, George, 10, Halliford street, Essex-road, N.
Feb. 16, 1871		Lockyer, William John, 7, St. Julian's Farm-road, West Nor-
22, 23, 1		wood, S.E.
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Date of Election.		
Mar. 20, 1884		London, J. Edward, M.D., 62, Main street, George Town,
		Demerara
April 18, 1872		Longstaff, George Blundell, M.A., M.B. Oxon., M.R.C.P., High-
		lands, Putney Heath, S.W.
Dec. 15, 1881		Looker, Percy Stratford
Feb. 20, 1873		
Feb. 7, 1878	Trans.	Loram, H. Y., 19, Hillside road, Stamford hill, N.
	Trans,	. , , , , , , , , , , , , , , , , , , ,
May 4, 1882		Love, Edward G., Ph.D., 69, East 54th-street, New York, U.S.A.
June 15, 1882		Lovibond, Thomas Watson, F.I.C., The Tyne Brewery, New-
		castle-on-Tyne
Dec. 18, 1884		Low, Charles William, M.B., Stowmarket
Dec. 15, 1856		Lowe, Charles, Summerfield House, Reddish, near Stockport
Feb. 21, 1878		Lowe, Walter Bezant, M.A., Strangaer School, Wickham, near
		Fareham, Hants
Feb. 3, 1876		Lowe, W. F., Cambrian View, Chester
Dec. 6, 1888		Lowman, Oscar A. B., Ph.D., 424, Brush-street, Detroit Michigan,
		U.S.A.
Feb. 18, 1892		Luckett, A. H., The Palace School, Endfield, Middlesex
Dec. 3, 1891		Ludlow, Lionel, The Cape Copper Co., O'okiep, Namaqua-land,
,		Cape of Good Hope
Feb. 15, 1877	Trans.	Luff, A. P., M.D., B.Sc. (Lond.), M.R.C.P., 47, Weymouth-street,
2001 20, 2017	11411111	Cavendish-square, W.
Mar. 6, 1890		Lumsden, John S., B.Sc., 5, Paradise-road, Dundee
Dec. 5, 1867	Trans	Lunge, Dr. George, Polytechnicum, Zurich, Switzerland
Dec. 4, 1890	Trans.	Lunt, Joseph, B.Sc., 5, South-view, Eccleston road, Ealing
Dec. 4, 1000	Trans.	
D = 1070	m	Dean, W.
Dec. 5, 1872	Trans.	Lupton, Sydney, Grove Cottage, Roundhay, Leeds
May 1, 1873		Lyon, J. B., Brigade Surgeon, East India, U. S. Club, 16, St.
		James's-square, S.W.
Feb. 19, 1874		Lyon, J. G, The Aire Tar Works, Knottingley, Yorks
Nov. 18, 1886		Lyons, Albert Brown, A.M., M.D., Honolulu, Hawniian Islands
Feb. 3, 1859	Trans.	Lyte, F. Maxwell, F.I.C., Assoc. I.C.E., 60, Finborough 1 ad,
		Kensington, S.W.
Feb. 16, 1888		Mahen, Thomas, 5, Oliver-place, Hawick
June 20, 1878		Macadam, C. T., The Lake, Snaresbrook, Essex
April 21, 1864		Mactear, James, F.R.S.E., 2, Victoria-mansions, Wes minster,
		S.W.
Feb. 21, 1853	Trans.	Macadam, Stevenson, Ph.D., F.R.S.E., Surgeons' Hall, Edinbergh
Feb. 2, 1888		Macadam, Stevenson, J C.G., jun., Surgeons' Hall, Ehnlanh
April 4, 1878		Macadam, W. Ivison, F.R.S.E., Surgeons' Hall, Edinburgh
Dec. 2, 1886		Macan, Hugh O'Donaghan, Imperial buildings, Ludgate et al.
2, 1000		E.C.
	l .	1 2.0,

38		FELLOWS OF THE CHEMICAL SOCIETY.
Date of Election.		
April 17, 1890		MacArthur, J. Stewart, 46, Melville-street, Pollokshields, Glasgow
May 7, 1891		MacDonald, William, Chinese Polytechnic Institution, Shanghai
Mar. 4, 1886		MacEwen, Peter, 4, Gresley-road, Hornsey-lane, N.
June 18, 1891		Macfie, R. A. Seott, B.A. (Cantab), 68, Rodney-street, Liver-
		pool
Dec. 2, 1880		Macfarlane, James A., care of Mr. Robert Stevenson, 917, Vender-street, Vancouver City, British Columbia
Mar. 6, 1890		Macintyre, Alfred E., St. John's, N.B., Canada
June 17, 1875		Mac Ivor, R. W. Emerson. c/o Hannay's Patents Company, 67,
		Great Clyde-street, Glasgow
Dec. 2, 1887		Mackay, Angus, Technical College, Sydney, N.S.W.
Dec. 2, 1886		Mackay, J. B., Lillie Prof. A.K.C.L., Director of the School of
		Mines, Sandhurst, Victoria, Australia
Dec. 4, 1890		Maekean, William, 14, Palmer-street, Westminster, S.W.
Dec. 3, 1874		Mackenzie, D. C., 106, Leadenhall-street, E.C.
Feb. 18, 1892		Mackenzie, William Cossar, Tewfikich College of Agriculture,
	İ	Ghizeh, Cairo
ar. 5, 1885		Mackey, Wm. McD., Victoria-chambers, South-parade, Leeds
Jan. 15, 1844		Maclagan, Donglas, Sir, M.D., F.R.S.E., University of Edinburgh,
		and 28, Heriot-row, Edinburgh
Jan. 17, 1889		MacLeroy, Arthur Lloyd, M.A. (Oxon), L.S.A., 12, George-street-
		Bathwick Hill, Bath
April 17, 1879		Macmillan, J. L., 1, Mangoe lane, Calentta
Feb. 17, 1881		MacMunn, Charles A., M.A., M.D., F.R.M.S., Oakleigh, Wolver- hampton
Feb. 1, 1880		Macnab, William, 14, Great Smith-street, Westminster, S.W.
June 4, 1885		Macnair, Dunean Scott, Ph.D., B.Sc., People's Palace, Technical
		Schools, London, E., and Hampden House, Phænix-street, N. W.
April 19, 1888		MacSwiney, E., 13, North Main-street, Cork
Feb. 6, 1890		Mactaggart, James Guthrie, care of Messrs. Boarhead and Co., Singapore
May 1, 1862	Trans.	Madan, H. G., Bearland House, Gloneester
June 21, 1888	Trans.	Maiden, Joseph Henry, Curator, Technological Museum, Sydney,
		N.S.W.
May 5, 1892		Major, George Harry, Higher Grade Boys' School, Llanelly
May 7, 1885		Mallet, F. R., 18, The Common, Ealing, W.
Dec. 17, 1857	Trans.	Mallet, J. W., Ph.D., M.D., F.R.S., University of Virginia,
T1 4 1050		Albemarle, Co. Va., U.S.N.A.
Feb. 4, 1858	Two	Manning, F. A., 18, Billiter-street, E.C. Mareet, W., M.D., F.R.S., Flowermead, Wimbledon Park, S.W.
Feb. 7, 1853	Trans.	Marsh, Charles W., Ph.D., 126, Liberty-street, New York,
June 16, 1881		U.S.A.
Feb. 15, 1883	Trans.	Marsh, J. E., University Museum, Oxford
100, 10, 1000	114115.	Delivery of any other ordery and other order

Date of Electio	n.	
Feb. 6, 189	0 Trans.	Marshall, Hugh, D.Sc., F.R.S.E., Chem stry Department,
·		University of Edinburgh
Dec. 3, 189	91	Marshall, John Willis, 8, Fairfield-terrace, West Park street,
		Dewsbury
Feb. 19, 189		Marshall, Reginald Tom, 25, Lancaster-park, Richmond, Surrey
Nov. 20, 189	90	Marshall, T. Rhymer, D.Sc., University College, Cardiff
Dec. 6, 188		Marshall, William, e o D. G. Rose, Esq., Samarang, Java
June 16, 18	87	Marshall, William, F.I.C., 15, West street, Rochdule
Nov. 19, 18	85	Martin, Major Gerald Ward, F.R.G.S., Assay Office, Imperial
		Mint, Bombay
Dec. 6, 18	83	Martin, W. H., 183, King's-road, Chelsea, S.W.
Feb. 19, 18	91	Martin, William Morley, 203-205, Old Christehurch-road,
	1	Bournemouth
April 7, 18	70	Martindale, William, 10, New Cavendish street, W.
June 1, 18		Martineau, George, 21, Mineing-lane, E.C.
Dec. 1 18	87	(Martinean, Sydney, South-road, Ctapham-park, S.W.
June 2, 18		Maskelyne, Nevil Story, F.R.S., M.P., Salthrop, Wroughton, Wilts
Mar. 2, 18		Mason, Alfred Henry, F.R.M.S., 46, Jewin street, London, E.C.
Nov. 4, 18		(Mason, James, Eynsham-hall, near Witney, Oxon
Dec. 2, 18		Mason, William Brandwood, 117, Derby-street, Bolton
Dec. 5, 18		Mason, James Braik, 9, Balgay Avenue, Dundee
Feb. 6, 18		Mason, Francis H., 25, Margarette-terrace, Oakley-street, S.W.
Dec. 5, 18	1	Mason, G. B., 12, Croombridge-road, South Ha kney
Jan. 19, 18	82 Trans.	Masson, D. Orme, M.A., B.Se., The University, Melbourne,
		Australia
Dec. 4, 18	73	Masters, William, Sub-Deputy Opium Agent, Gya, Bengal, India,
		and 82, Oxford-gardens, Notting Hill, W.
June 15, 18	76 Trans.	
		Trent District Programme Trent
June 17, 18	SSO Trans.	
		College, Cooper's Hill, Staines
Dec. 1, 18	887	Matthews, Wun. Edward, Prof., The Stawell School of Mines,
		Stawell, Victoria, Australia
Jan. 17, 18		Matthey, Edward, 78, Hatton-garden, E.C.
May 3, 18		Matthey, George, F.R.S., 78, Hatton-garden, E.C. [Maxwell, Theodore, B.A., M.D. Camb., B.Sc. Lond., 29, Woolwhat
Dec. 7, 18	:65	
		eommon, S.E. Maybury, Charles Walter, 141, Church-street, Eerles, Lancushire
Dec. 5, 18		Maybew, E. W. A. Angustine, Freemantle, West in Austral a
June 7, 18		MeArthur, J. F., Belgrave-crescent, Excles, near Man hester
Feb. 3, 18		MeArthur, John, F.R.S.E., 196, Trinity road, Ward wirth
Dec. 1, 18	331	Common, S.W.
Fal. 9 19	2 . 2	McBretney, Edmund G , 24, Eastfield road, Cas lafad, York
Feb. 2, 18		McCalman, George, India-street West, Glastow
£eb. 21, 10	000	Devocation, and on the second

40	FELLOWS OF THE CHEMICAL SOCIETY.	
Date of Election.		
Feb. 6, 1890	McConnell, Arthur II., 35, Bernard-street, Russell-square, W.C.	,
Feb. 4, 1875	McCowan, William, F.I.C., The Brewery, Reading	
Nov. 20, 1890	McCubbin, William A., Mill Bank House, West Derby, Liverpo	ol
Dec. 17, 1857	McDougall, Alexr., 17, Belmont-street, Southport	
Dec. 17, 1874	McDougall, John, Clifton House, Greenwich-park, S.E.	
Feb. 18, 1892	McFall, J. E. Whitley, Bankfield-road, West Derby, Liverpool	
Mar. 3, 1887	Trans. McGowan, George, Ph.D., Harris Institute, Preston	
May 5, 1892	McKerrow, William James, D.Sc., Chemical Department, Roys	al
	Naval College, Greenwich, S.E.	
Feb. 6, 1868	Trans. McLeod, Herbert, F.R.S., Indian Civil Engineering Colleg	e,
77 1 4 1 1 1 1 1 1 1 1 1	Cooper's Hill, Staines	
Feb. 17, 1881	McMillan, Walter George, Chemical Department, Shell Factor	у,
	Cossipore, Calcutta, India	
April 4, 1889	Trans. McMurtry, George Cannon, Wallaroo Smelting Works, Wallaro	0,
33 3 40 4000	S. Australia	
Feb. 18, 1882	McRoberts, George, Todhill, Newton Mears, Renfrewshire, N.I.	5.
Feb. 18, 1892	Meacham, Chas. Stephen, 62, Earl-street, Maidstone Trans Meldola, Raphael, F.R.S., 6, Brunswick square, W.C.	
Feb. 16, 1871		
May 20, 1875 Nov. 19, 1885	Melmore, Pattinson B., Chemical Laboratory, Maryport Menzies, Thomas J., M.A., B.Sc., Rector, Stranraer Academ	
100, 19, 1005	Stranraer, Wigtown	y,
Dec. 18, 1884	Mercer, Francis M., 89, Bishopsgate-street-within, E.C.	
Dec. 5, 1889	Mercer, Thomas, Great Hey, Edenfield, near Bury, Lancashir	e,
	and ring Bank Brewery, Edenfield, near Bury	
May 7, 1891	Merrils, Frederick Johnson, 371, Glossop-road, Sheffield	
Feb. 18, 1875	Merry, James Sanders, 5, Richmond-villas, Swansea	
April 20, 1876	Trans. Messel, Rudolph, Ph.D., Silvertown, Essex	
June 21, 1888	Miers, Henry A., M.A., F.G.S., Eden Cottage, Beckenbar Kent	m,
Dec. 18, 1843	Millar, James, care of Andrew M. McCrindell, 76, Buceleue	eh,
	street, Glasgow	
Feb. 19, 1892	Millar, James Hill, Mason College, Birmingham	
Feb. 19, 1891	Millard, Edgar J., 50, Hillside-road, Stamford Hill, N.	
Feb. 19, 1880	Trans. Miller, A. K., Ph.D., Ardwick Brewery, Manchester	
Feb. 21, 1889	Miller, Harry East, Ph.D., 1264, Fourteenth-street, Oakland California	ls,
April 4, 1889	Trans. Miller, James Bruce, A.I.C., Rubislan, Den North, Aberdeen	
Dec. 1, 1887	Trans. Miller, John A., Niagara University, Buffalo, New York	
May 7, 1885	Trans. Miller, N. H. J., Ph.D., Harpenden, Hertfordshire	
Dec. 18, 1862	Trans. Mills, E. J., D.Sc., F.R.S., Young Professor of Technic	al
	Chemistry in the Glasgow and West of Scotland Technic	al
	College, 60, John-street, Glasgow	
May 7, 1885	Milne, Alexander, M.A., M.B., Surgeon, Indian Medical Depa.	rt-
	ment, Bombay, and Byculla, Bombay	

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Date of Election.		
June 21, 1877		Milne, G. A., 24, New Queen-street, Scarborough
May 5, 1892		Milnes, Ernest E., Ashfield, Bradford
Dec. 1, 1887		Mingaye, John C. H., Department of Mines, Assay Branch,
*		Sydney
April 15, 1885		Minty, Henry Oliver, 38, Kestrel-avenue, Herne-hill, S.E.
May 7, 1891		Mitchell, Charles Ainsworth, B.A. Oxon., Farnley-road, South
		Norwood, S.E.
June 18, 1891		Mitchell, Thomas, c/o E. Mitchell, Esq., Crossmount, Bridgend,
		Perth, N.B.
Feb. 15, 1872	Trans	Mond, Ludwig, F.R.S., 20, Avenue-road, St. John's wood, N.W.
Feb. 18, 1892		Mond, Robert Ludwig, M.A., F.R.S.E., The Poplars, 20, Avenue,
		road, Regent's Park, N.W.
Dec. 18, 1879		Mondy, Edmund F., Government Engineering College, Howrah,
		Calcutta, India
Mar. 3, 1887	Proc.	Moody, G. Tattersall, D.Sc., The Ferns, Therapia road, Honor
		Oak, S.E.
May 5, 1892		Moor, Cresacre George, B.A., 101, Leadenhall-street, E.C.
Dec. 2, 1886		Moos, N. A. F., Poona, India
Feb. 19, 1891		Moore, Frederick Herbert, 45, St. Mary's road, Peckham, S.E.
Mar. 6, 1890		Moore, Ira, Ph.D., 70, Taylor-street, Tonge, Middleton, near
		Manchester
Feb. 18, 1864		Morfit, Campbell, Ph.D., 132, Alexandra-road, Abbey road, N.W.
Feb. 21, 1889		Morgan, Arthur F., Chemical Laboratory, Central Chambers,
·		Newport, Mon.
Jan. 7, 1888		Morgan, John James, Milton Lodge, Brecon-road, Abergavenny,
4	1	Mon.
April 3, 1873		Morgan, William, Ph.D., The Technical Institute, Nelson-
in		terrace, Swansea
June 17, 1880	Trans.	
Dec. 18, 1879	Trans.	l and the second
		N.W.
May 5, 1892		Morris, Albert, 115, Hope-street, Dunkinfield
Feb. 19, 1880	Trans.	The state of the s
Dec. 3, 1874		Morris, John Edward, Park Dale, Wolverhampton
Dec. 3, 1891		Morris, Joseph, Stamford-street, Mossey, near Manchester
Nov. 4, 1869		Morrison, John, Chemical Engineer, St. Peter's Chemical Manure
1, 1, 1011		Works, Newcastle-on-Tyne
May 7, 1891		Morrison, George R., Richmond Honse, Plaintow, Essex
June 20, 1889		Morrow, Henry W., M.S., Ph.D., 604, Market street, Wilmin
, 2300		ton, Delaware, U.S.A.
Dec. 15, 1851		Morson, Thomas, 124, Southampton row, Revell a puare, W.C.,
2. 20, 20, 2002		and 42. Gordon square, W.C.
Feb. 16, 1872		Morton, Edward Handfield, Hook Hou e II, near Wandliel,
		Hampshire

FELLOWS OF THE CHEMICAL SOCIETY.
Morton, Perey, Christ College, Brecon, South Wales
Frans. Mosenthal, Henry de, 220, Winchester House, Old Broad-street,
E.C.
Moss, John, Galen Works, Wilson-street, New Cross-road, S.E.
Moss, Richard J., F.I.C., St. Aubyn, Ballybrack, Co. Dublin
Mott, H. A., Ph.D., 61, Broadway, Room 56, New York
Moul, Frank, Aldersgate Chemical Works, Southall
Mousley, Frank, c/o E. Jackson, 5, Grantham-road, Sparkbrook,
Birmingham
Monsley, H. J. Marston, Kingsbury, 26, Portland-road, Edgbaston
Moyle, R. E., B.A., Heightley, Chudleigh, Devon
Trans. Mueller, Baron Ferdinand Von, K.C.M.G., M. and Ph.D., F.R.S.,
Melbourne, care of Dulau and Co., 37, Soho-square
Muir, James, The Yorkshire College, Leeds
Trans. Muir, M. M. Pattison, M.A., F.R.S.E., Fellow and Prælector in
Chemistry, Gonville and Caius College, Cambridge
Muirhead, Alexander, D.Sc., Oakwood, Farquhar-road, Upper
Norwood, S.E.
Trans. Müller, Hugo, Ph.D., F.R.S., 110, Bunhill-row, E.C.; and 13,
Park-square East, Regent's-park, N.W.
Müller, George, Prof., Ph.B., Curry Hotel, Ironwood, Michi-
gan, U.S.A.
Mulrenan, Joseph Charles, 45, Manor-road, Stoke Newington, N.
Munroe, Charles E., Prof. Columbia University, Washington
D.C., U.S.A.
Munro, Donald, M.D., C.M., D.P.H., Medico-Legal Department,
University of Glasgow
Trans. Munro, J. M. H., D.Se., College of Agriculture, Downton,
Salisbury
Muspratt, E. K., Seaforth-hall, near Liverpool
Muspratt, Sidney Knowles, 51, Croxteth-read, Liverpool
Trans. Murray, Thomas Smith, Chemical Department, Marischall,
College, Aberdeen
Trans. Muter, John, M.A., Ph.D., F.R.S.E., F.I.C., Central Public
Laboratory, 325, Kennington-road, London, S.E., and Win-
chester-house, Kennington-road, S.E.
Myers, Harry C., Messrs. Benton, Myers, and Co., Cleveland,
Ohio, United States, America
Myers, William Shields, B.Sc., care of George Lambert, Esq.,
Myers, William Shields, B.Sc., care of George Lambert, Esq.,
Myers, William Shields, B.Sc., care of George Lambert, Esq., 209, Townsend-street, New Branswick, New Jersey, U.S.A.
Myers, William Shields, B.Sc., care of George Lambert, Esq.,
Myers, William Shields, B.Sc., care of George Lambert, Esq., 209, Townsend-street, New Branswick, New Jersey, U.S.A.

Date of Election.	
Mar. 5, 1874	Napier, Arthur S., eare of Herren Mayer & Muller, 51,
2, 20, 2	Markgrafen-strasse, Berlin, W., Germany
June 21, 1877	Napier, James, 89, London-road, Ipswith
Dec. 5, 1878	Napper, Edward W., The Hollies, Vicarage lane, Bowdon
Feb. 7, 1878	Nason, Henry B., Ph.D., M.D., Ll.D., Prot. of Chemistry,
100. 1,1010	
Dec. 3, 1891	Rensselaer Polytechnic, Troy, State of New York
April 4, 1878	Naylor, William, 16, Walton's-parade, Preston
Dec. 3, 1891	Naylor, W. A. H., 38, Southwark-street, S.E.
Dec. 5, 1691	Neilson, Thomas, care of the Oregon !ron and Steel Company,
A!1 4 1000	Oswego, Oregon, U.S.A.
April 4, 1889	Nesbitt, William Beattie, B.A., M.D., 270, College-street,
D	Toronto, Ontario, Canada
Dec. 5, 1889	Nettleton, J. A., care of Messrs. Higgins and Co., Avoniel
4 11 4 2000	Distillery, Belfast
April 4, 1878	Trans. Nevile, R. H. C., Crown Lea, Malvern
June 1, 1871	Trans. Nevill, Edmund Neville, Government Laboratory, Durban,
	Natal
April 17, 1890	Trans. Neville, Francis Henry, Sidney College, Cambridge
June 16, 1892	Newali, John Fenton, 8, Market-place, Manchester
June 4, 1885	Newbolt, Francis George, Oakley-lodge, Weybridge
April 19, 1860	Trans. Newlands, John A. R., Laboratory, 27, Mineing-lane, E.C.
Feb. 18, 1864	Newlands, B. E. R., 11, Dunsmure-road, Stamford-hill, N.
Dec. 3, 1891	Newlands, William, P. R., Rosa, North-West Province, Indla
Feb. 6, 1890	Newman, William Samuel, The Leez, Mattas, India
April 4, 1889	Newsholme, G. T. Witkinson, 74, Market-place, Sneffied
Dec. 7, 1882	Newton, Henry Charles, 47, Callcott-road, Hampstead
Dec. 18, 1879	Newton, Howard, Singapore, Straits Settlements
Mar. 4, 1886	Newton, Walter, Park-green, Macelesfield
Mar. 1, 1883	Newton, William, Ph.D., F.I.C., 18 and 19. Fenchurch street, E.C.
Dec. 15, 1892	Nickolls, J. Bate, The Laboratory, Guernsey
Feb. 16, 1870	Trans. Nieholson, Edward, Brigade Surgeon, 45, Crosby-road, Scaf 1th,
	Liverpool
June 4, 1885	Nicholson, T. Goddard, St. Thomas' Hospital, S.E.
Dec. 5, 1839	Nickels, Wallace Christopher, 14. Yew-grove, Crickle wood, N.W.
Feb. 1, 1883	Trans. Nicol, W. W. J., Mason College, Birmingham
May 6, 1869	Noble, Captain A., Engineer, Elswick Ordnance Works, New-
	castle
Dec. 5, 1889	Norman, John T., 78, Chelverton road, Pulney, S.W.
April 4, 1861	Norrington, Frederick, 3, Downfield roat, Cufton, Bristal
June 16, 1892	Norris, Charles James, Greville House, Great Maly 70
April 17, 1879	North, W., M.D., Nedderdale, Chapter road, Willialen Green,
	N.W.
May 5, 1802	Northing, John, 96, Tritonville road, Sandymount, Dullen
Dec. 18, 1854	Norten, Fletcher, Claremont, Huyon, Livery 1

41	1	FELLOWS OF THE CHEMICAL SOCIETY.
Date of Election.		
April 4, 1878		Norton, Prof. T. H., Ph.D., University of Cincinnati, Ohio, U.S.A.
June 18, 1891		Notter, J. Lane, M.A., M.D., West Cliff, Woolstone, Southampton
Mar. 4, 1886		Obach, Eugene, Ph.D., F.I.C., 2, Victoria-road, Old Charlton, Kent
Mar. 3, 1887		O'Connor, J. William, Messrs. Flower and Sons, The Brewery, Stratford-upon-Avon
May 15, 1890		Oddy, Robert Walter, Waterhouse, Toad-lane, Rochdale
Jan. 19, 1873		Odling, Walter, 132, High-street, and at Messrs. Bass & Co.,
	m	Burton-on-Trent
Jan. 17, 1848	Trans.	Odling, William, M.B., F.R.S., 15, Norham Gardens, Oxford
May 4, 1871		Ogston, G. H., Analytical Laboratory, 39, Lime-street, E.C.
Dec. 2, 1875		Oman, J. Campbell, Prof., Government College, Lahore, Punjab, India
May 6, 1858		O'Neill, Charles, 14, Cecil-street, Greenheys, Manchester
June 20, 1889		O'Mahony, D. J., Queen's College, Cork
Dec. 4, 1890		Ormandy, Wm. Reginald, Chemical Laboratory, Owens College, Manchester
Nov. 4, 1869		Orme, Temple A., University College, W.C.
May 16, 1872		Ormerod, Joseph Arderne, M.B., M.R.C.P., 25, Upper Wimpolestreet, W.
Dec. 1, 1887		Ormiston, Archibald R., Heathland, Uddingston; and 203, St. Vincent-street, Glasgow
Feb. 21, 1884	Proc.	Orsman, W. J., jun., The Roburite Explosives Co., Gathurst, near Wigan
Mar. 17, 1881	Trans.	
Dec. 1, 1887		Ostersetzer, Julius, Messrs. W. and H. M. Goulding, Manure Manufacturers, Dublin
April 20, 1876	Trans.	
Mar. 1, 1883	I Tallo	O'Sullivan, James, 26, Ashby-road, Burton-on Trent
Mar. 17, 1887		O'Suilivan, Patrick T., 57, Great Britain-street, Cork
May 7, 1891		Ough, Lewis, 6, Upper King-street, Leicester
Feb. 16, 1888		Overbeck, Otto G. S. L., 10, Town Hall-street, Grimsby
June 16, 1887		Overend, Fred. Lawrence, B.A. (Oxon), Blair Lodge School,
• unc 10, 100;		Polmout Station, N.B.
Feb. 19, 1891		Oxford, Arnold Whitaker, Rev. M. A., 8, Henrietta-street,
Dec. 15, 1851		Cavendish-square, W. Oxland, Robert, Dr., 32, Portland-square, near Plymouth
Dec. 21, 1871	Trans	Page, Frederick James Montague, B.Sc., 98, Alderney-street, Lupus-street, S.W.
		† Longstaff Medallist, 1884.

Date of Election.		
Jan. 17, 1884		Pallister, J. W., B Sc., Heathfield terrace, Cottage read, H d
		ingley, Leeds
May 4, 1882		Palmer, Alfred Neobard, 19, King street, Wreyham, Nord- Wates
Nov. 19, 1868	Trans.	
April 19, 1888		Palmer, Henry John, Penleigh House, Cotham Grove, Brittol
April 17, 1879		Palmer, Walter, Westfield, Reading
Jan. 19, 1882		Parker, Joseph R., Fairbrace Villa, Sussex-avenue, Aslafrd,
		Kent
Dec. 7, 1892		Parker, R. H., 35, Clifton-road, Maida-vale, W.
Jan. 17, 1889		Parker, Robert Hodgson, e,o Mr. Parker, seur., Buckingham-
		villa, Keynsham, Bristol
Dec. 5, 1889		Parker, T. Gordon, Ashton Lodge, Leigh road, Clifton
Nov. 20, 1890		Parkes, Thomas, 30, Hopwood street, Barnsley
Nov. 2, 1865	Trans.	Parkinson, James, F.G.S., Queen s-chambers, Pira street,
		Adelaide, South Australia
Feb. 18, 1892		Parry, Ernest John, B Sc., Brooklands, Bentham Manor radi
		Thornton Heath
Feb. 17, 1876	Trans.	Parry, John, Ebbw Vale Works, Monmonthshire
May 17, 1888		Parsons, William, Dispensary, St. Bartholomew's II pital
		E.C.
Feb. 19, 1880		Pasley, H. F., Hanover-chambers, 8, King-street, Manchester
April 21, 1870		Patchett, Isaac, F.I.C., 1, Leopold-square, Leeds
Jane 21, 1888		Paterson, James Rymer, B.Sc., 10, Millerfield-place, Edinburgh
Mar. 5, 1885	Trans.	Patterson, George, The Mambré Saccharine Co., Fulliam P.la
		road, Hammersmith, S.W.
Mar. 17, 1870	Trans.	Patterson, T. L., care of Messrs. John Walker and Co., Green
Dec. 3, 1863	Trans.	Pattinson, John, 75, The Side, Newcastle-npon Tyne
Mar. 5, 1868	Trans.	Paul, Dr. B. H., Analytical Laboratory, 1, Victoria & F. L. W minster, S. W.
Dec. 3, 1885	Trans.	Paul, Lewis Gordon, Ph.D., Messrs. Read, Holiday and S no
		Huddersfield
Jan. 17, 1889		Peace, Frank Kenworthy, co George Peace, Monton Glassin
		Eccles, near Man hester
Jan. 16, 1874		Pearce, William, jun., Chemical Works, Bow Common, 1.
Feb. 4, 1870	Trans.	Pedler, Alexander, Prof., Presidency College Calcuta
Jan 17, 1884		Peile, Henry, Shotley Bridge co Derham
May 20, 1886		Pendlebury, William Henry, M.A., Ch. Ch., Ovon, and c, Olal-
		stone-terrace, Dover
Mar. 7, 1870		Penney, M. D., 11, High street, Hull
Dec. 16, 1886		Pentecost, Stephen James, Nottmechamr d, New Bullet
		Nottingham Peppe, Thomas Fraser, Tiril Estate, Room Bor of India
Dec. 7, 1882		Peppe, Thomas Fraser, 11rd Latate, 11 and 11 and 11 and 12
Jan. 17, 1889	1	Percival, John, M.A., Carperby, B. C., Y.

Date of Election.		
April 17, 1884	Proc.	Perkin, A. G., 8, Montpelier-terrace, Hyde Park, Leeds
June 19, 1891	Trans.	Pekin, Frederick M., Heriot Watt College, Edinburgh
Dec. 15, 1856	Trans.	† Perkin, W. II., Ph.D., F.R.S., The Chestnuts, Sudbury, Harrow
April 17, 1884	Trans.	Perkin, W. H., jun., F.R.S., Fairview, Wilbraham road, Fallow-
		field, Manchester
Feb. 6, 1890	Proc.	Perman, Edgar Philin, B.Sc., University College, Cardiff, and 1,
		Gordon-road, Neath, Cardiff
Dec. 6, 1888		Perry, George Edward, 6, Norwood-villas, Edgbaston, Birming-
2,00,		ham
May 2, 1867		Peterson, F. W., Deputy Assay Master, H.M. Mint, Bombay, 54,
		Talbot-road, Bayswater, W.
June 16, 1881		Philip, Arnold, 43, Onslow-road, Richmond
Feb. 1, 1877		Phillips, A. G., 18, Fopstone-road, Kensington, S.W.
June 20, 1889		Phillips, Benjamin, c/o Messrs Phillips and Co., 3, West street,
		Finsbury-circus, E.C., and Oriental Bank-buildings, Bombay,
		India
eb. 16.1882		Phillips, Henry Harcourt, 183, Moss-lane East, Manchester
Feb. 21, 1889		Phillips, Henry Joshua, Ebbw Vale Iron Works, Ebbw Vale,
		Mon.
Jun. 16, 1887		Phillips, J. Stanley, Wentworth, Upper Long Ditton, Surrey
Dec. 7, 1882		Phillips, Samuel E., sen., Wokingham-road, Reading
Jan. 16, 1862	Trans.	Phipson, T. L., Ph.D., Laboratory of Analytical Chemistry,
		Putney, S.W., and Holtham Villa, Putney, S.W.
Feb. 19, 1891		Pickering, M. Samuel, 40, Price-street, Burslem
Feb. 7, 1878	Trans.	Pickering. Percival Spencer Umfreville, M.A., F.R.S., 48, Bryan-
		ston-square, W.
April 17, 1890	Proc.	Picton, Harold, B.Sc., 80, Regents Park-road, N.W.
Dec. 5, 1889		Pike, Alfred Edridge, Westminster Hospital Medical School,
		Caxton-street, Westminster, S.W.
Jan. 15, 1874	Trans.	Pike, William Herbert, Ph.D., University College, Toronto, Canada
Dec 2, 1887		Pilkington, Herbert, M.I.M.E., Midland Coal, Coke, and Iron
		Company, Apedale, near Newcastle, Staffordshire
Dec. 20, 1883		Pilley, John J., Ph.D., Crescent Lodge, Camberwell Grove, S.E.
Dec. 5, 1889		Ping, William, 2, Sandbourne-road, Brockley, S.E.
Feb. 21, 1899		Pingstone, G. Arthur, 5, Speenham-road, Brixton, S.W.
Mar. 17, 1881		Pisani, O. V., Gibraltar-house, Rochmount-road, Upper Norwood
Feb. 16, 1882		Pitt, Theophilus, 16, Coleman-street, E.C.
April 4, 1889		Platts, John Charles, 25, Harcourt road, Crookesmoor, Sheffield
Dec. 4, 1890		Platts, Thomas, 7, Victoria-street, London, S.W.
Nov. 15, 1860	Man an -	Player, J. H., Thatcham House, Thatcham, Berks *Playfair, Lord, K.C.B., F.R.S., 68, Onslow-gardens, South
Feb. 23, 1841	Trans.	Kensington
		Vensurand

[†] Longstaff Medalist, 1888.

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Date of Election.		
Dec. 2, 1880	Trans.	Plimpton, R. T., Ph.D., 23, Lansdowne-road, Clapham read, S.W.
April 1, 1858		Pochin, Henry Davis, c/o W. G. Gover, 3, Malvern vi las, Camden-road, Bath
June 7, 1889		Pollard, F. Ernest, Old Cross, Hertford
Dec. 4, 1890		Pond, James Alexander, Auckland, New Zealand
Dec. 4, 1848		Pontifex, Edmund A., M.I.C.E., 72, Cornwall Gardens, S.W.
Mar. 6, 1862		Pooley, Thomas A., B.Sc., F.I.C., 121, The Grove, Denmark
	1.	Hill, S.E.
Feb. 19, 1891		Pope, Wm. Jackson, Central Institution, Exhibit on road, S.W.
Feb. 16, 1882		Porter, Herbert, 22, Waldegrave-road, Norwood, S.E.
Dec. 18, 1884		Porter T. Cunningham, Rev. Eton College, Windsor
Dec. 6, 1883		Potter, Charles E., care of Messrs. Tate & Sons, Love-lane Sugar
		Refinery, Liverpool
Feb. 21, 1884		Power, Francis R., The Royal Mint, Melbourne
April 15, 1880		Preller, Charles S. Du Riche, Loch Broom House, 18, Margaret-
		street, Cavendish square, W.
May 19, 1864		Prentice, Manning, Woodfield, Stowmarket
Mar. 2, 1876	Trans.	Prescott, Albert B., M.D., University, Ann Arber, Michigan,
		U.S.A.
May 16, 1861		Prestwich, Joseph, F.R.S., Shoreham, Sevenoaks, Kent
Dec. 5, 1872	Trans.	Prevost, E. W., Ph.D., Elton, Newuham Gloucester
May 4, 1882		Price, Arthur F., 524, Sacramento, San Francisco
Jan. 17, 1889		Priestlay, Charles W., B.Sc., Avonbrook, Tewkesbury, Gloucett r
Dec. 3, 1891		Priestley, Lawrence, Newark-on-Trent
Feb. 17, 1870		Pritchard, Prof. William, President Royal Veterinary College,
		N.W.; and 5, Regent's Park-road, Gloncester gate, N.W.
June 15, 1871	Trans.	Procter, Henry R., F.L.C., The Yorkshire College, Leeds
April 4, 1889		Proctor, Charles, Upland House, 359, Upland road Dulwich, S.E.
Jan. 17, 1889		Provis, John, Emu Bay, Tasmania
June 15, 1882		Pullar, Rufus D., Ochil, Perth
Nov. 15, 1888	Proc.	Pullinger, Frank, B.A., 27, Queen's-road, Oldham
Feb. 18, 1892	Tranc.	Pullinger, William, 27, Queen's-road, Oldham
June 21, 1883		Purcell, M. F., 71, Harcourt-street, Dublin
June 3, 1875	Trans.	Purdie, Thomas, Ph.D., B.Sc., Assoc. R.S.M. University,
		St. Andrews, N.B.
Dec. 2, 1886		Pyke, L. S. M., St. Stephen's Club, Westminster, S.W.
D		
Dec. 2, 1886		Quayle, Edwin, F I.C., 3, Addison-terrace, Victoria Park, Man-
35 4 3600		chester
Mar. 4, 1868	m	Quibell, Oliver, Magnus Lodge, Newark-m-Trent
Dec. 5, 1889	Trans.	Quincke, Frederick, Ph.D., 25, Alma square, Vollay road, N.W.
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48		FELLOWS OF THE CHEMICAL SOCIETY.
Date of Election.		
April 17, 1879	1	Rait, George Logan, 5, Fordwych-road, West Hampstead, N.W.
Dec. 15, 1892		Ramage, Hugh, Royal College of Science, Dublin
Nov. 15, 1888		Ramsay, A. Alexander, Anan Villa, Rose-road, Auckland
Mar. 20, 1873	Trans.	Ramsay, W., Ph.D., F.R.S, University College, W.C.
May 7, 1891		Randall, Percy Morrice, 3, Belsize Park Gardens, N.W.
April 18, 1843		Randall, William B., Glenhurst, Southampton
Dec. 3, 1835		Ranken, Charles, Stockton-road, Sunderland
May 16, 1889		Ransom, Francis, Bedford-road, Hitchin
April 21, 1887		Rawlins, Edward, 114, Burley-road, Leeds
June 17, 1880		Rawson, Christopher, The Bradford Technical College, Bradford
Jan. 17, 1884	Trans.	Rawson, Sidney George, D.Sc., Westbourne, Westbourne-grove.
,		West Kirby, Cheshire
June 17, 1886		Ray, William, Fir Bank, Hereford-square, Sale, near Manchester
April 4, 1889		Read, Arthur A., Ventnor House, Honiton, Devon
April 4, 1889		Reckitt, Ernest, B.Sc., 12, St. John's-terrace, Dawes-road, Ful-
		ham, S.W.
Nov. 20, 1890		Redding, Richard James, 17, Leghorn-road, Plumstead, S.E.
Jan. 15, 1874		Reddrop, Joseph, Laboratory, London and North West. Ry., Crewe
July 16, 1892		Redman, Henry Ramsden, 10, The Gardens, East Dulwich, S.E.
June 20, 1889		Redwood, Robert, 4, Bishopsgate-street-within, E.C.
Jan. 18, 1866		Redwood, Boverton, F.R.S.E., 4, Bishopsgate street-within, E.C.
Mar. 17, 1887		Redwood, T. Horne, 2, Fisher-street, Red Lion-square, W.C.
Nov. 18, 1886	Trans.	Rée, Alfred, Ph.D., 1, Brighton-grove, Rushoime, Manchester
Nov. 16, 1882		Reed, Lester, F.I.C., Hyrst-hof, 8, South Park-hill-road, Croydon,
		S.E.
April 15, 1880		Regester, William, Lawn-lodge, Isleworth, Middlesex
Dec. 15, 1881		Reid, Walter Francis, Fieldside, Addlestone, Surrey
June 17, 1886		Remington, J. Price, Prof., 1832, Pine-street, Philadelphia, Pa.,
		U.S.A.
Feb. 6, 1879	Trans.	Rennie, Edward H., Ph.D., University of Adelaide, S. Australia
May 17, 1888		Reynolds, Colonel Henry Charles, Thorncliff, Sandown-road,
		Cheltenham
June 19, 1873	Trans.	Reynolds, James Emerson, Prof., F.R.S., Trinity College, Dublin,
Nov. 19, 1857		Reynolds, Richard, 13, Briggate, Leeds
Nov. 15, 1888		Rhodes, Clement T., 144, South Broadway, Anrora, Kane County,
		Illinois, United States, America
June 18, 1891		Rhodes, Edward, Holly Bank, Frodsham, Cheshire
May 18, 1876		Richards, D. H., Bryntirion, Oswestry
April 4, 1889		Richards, Duncan T., 3, Madeira-terrace, Westoc-lane, South
		Shields
Jan. 17, 1889		Richards, Edgar, 113, East 30th-street, New York
Jan. 7,1889		Richards, Percy A. E., A.I.C., 44, Sinclair-road, Kensington, W.
June 17, 1886		Richards, William, B.Sc., The Clock House, Tooting, S.W.
May 5, 1892		Richardson, Albert Ernest, Dorking, Surrey

Date of Election.	/m	Process of the contract of the
June 18, 1885	Trans.	Richardson, Arthur, 22. Meridians do e Coom, Bristol
Feb. 16, 1888		Richardson, Clifford, Office of the Loneer Committee,
		Washligton, D.C., U.S.A.
Feb. 1, 1883		Richardson, F. W., 2, Far affe-pla e Bradford
Mar. 6, 1873		Richardson, Henry, 127, Elizabeth-street, Chectham, Man and r
Dec. 6, 1888		Richardson, Hubert N. B., The Hawthorns, Knighton Par r d,
		Leicester
April 19, 1866		Richardson, Joseph, jun., 40, Warwick-road, Corbor m-H rey,
		Manchester
Dec. 1, 1864		Richardson, J. G. F., Ph.D., Elmfield, Knighton, Leb. t r
May 5, 1892		Richardson, Reginald, E. S., Elmfield, Knighton, Learning
Nov. 17, 1887		Richardson, W. H., Dudley
Mar. 3, 1887		Richmond, H. Droop, 50, Clanricarde-card no. Nottin schille at ,
		W.
Feb. 3, 1845		Rickard, W. T., 136, Maygrove road, West Hamp to ad, N.W.
Dec. 7, 1882	Trans.	Rideal, Samuel, D.S., Hotel Kulm, St. Mor tz, Engadine
April 3, 1873		Rider, Alonzo John, 4, Haddington read, Stoke, 1) vonjort
Feb. 16, 1882	Trans.	Ridsdale, C. H., Hutton-gring , Guisbrough, Yorks
Dec. 6, 1888		Rigby, John S 5. Bagot street, Wavertree, Liver ed, and
		Ditton, Lancashire
Dec. 15, 1851	Trans.	Riley, Edward, 14A, Finsbury-square, E.C.
Dec. 4, 1873		Rimmington, F. M., Bradford
Mar 3, 1864		Ritchie, William, jun., Kincaid field House, Million of Camping,
		Glasgow
April 13, 1872		Pobbins, John, 57, Warrington-crescent, Maida-val., W.
June 20, 1889		Roberts, Emmanuel, M.D., Moratua Cevlen
June 21, 1883		Roberts, Frederick G. Adair, Wart in-road, Stra ford, E.
Jan. 20, 1876		Roberts, Martin F., Postal Telegraph Engineers Department,
		Gloucester-road, N.W.
April 4, 1889		Roberts, R. Wightwick, Rowan roft, Heavitre, Extr. of
		Valparaiso, Chili
Feb. 19, 1880		Roberts, W. Brittain, Wilderspool House, Warrington, Law a direction
Nov. 7, 1866	Trans.	Roberts-Austen, William Chandler, C.B., F.R.S., Rayal Wort, F
Mar. 17, 1887		Robertson, George, Madeir i-vil a, Woodford Group, Foox
Dec. 4, 1890		Robertson, George Henry, 5", Hemstal rold, W. Halptell, N.W.
Feb. 21, 1889		Robins, Harry H., Messrs Southwell and Co., Do know, S F
May 5, 1981		Robinson, G. Carr. Royal Institution, Hull
Nov. 16, 1882	Trans	Robinson, Henry H., M.A., Imperial Colors, Hanring Thin
May 3, 1966		Robinson, John, Elesmer Manst n , Cani I ar 1
		stead, N.W.
Dec. 20, 1883		logers, Arthur W. 63, Firzwall rr 1 N til Pick, S 1
Jan. 17, 1884		Rogers, Francis Ma, 21, B rma r at, St & Newton La A
April 15, 1586		(100×e, Rebson, M.), 47, 111 or B. W.
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00		PELLOWS OF THE CHEMICAL SOCIETY.
Date of Election.		
Dec. 17, 1855	Trans.	Roscoc, Sir H. E., M.P., LL.D., F.R.S., 10, Bramham-gardens,
		South Kensington, S.W.
Feb. 19, 1891		Rose, Tom Kirke, 9, Royal Mint, E.
Feb. 17, 1870		Ross, Lewis Buttle, Driffield
Dec. 15, 1881		Ross, Rev. Henry, LL.D., Dallas House, Lancaster
June 18, 1891	Proc.	Rossiter, Edmund Charles, 5, Magdala Cottages, Langley, Green,
ŕ		Birmingham
Feb. 18, 1892		Rothewell, C. F. Seymour, 82, Mawson-street, Ardwick Green,
,		Manchester
Mar. 6, 1890		Rothwell, Robert R., 82, Mawson-street, Ardwick Green, Man-
0, 2000		chester
Dec. 19, 1872	Trans.	Routledge, Robert, B.Sc., The North-Eastern Railway Labora-
200. 10, 10.2	2 2 4 4 1 1 1 1	tory, Greenfield, Gateshead-on-Tyne
Mar. 21, 1848	Trans.	Rowney, Thomas H., Ph.D., Salerno, Salt Hill, Galway
June 17, 1880	2.202.51	Roy, Tarapusauna, Medical College, Calcutta
Mar. 20, 1862		
Feb. 15, 1872	Trans.	Royle, Thomas, Dalton House, Upton-lane, Forest Gate, E.
Jan. 17, 1889	Trans.	Ruffle, John, 21, Gnoll-park-road, Neath, South Wales
ban. 11, 1005	116115,	Ruhemann, Siegfried, Ph.D., M.A., Gonville and Caius College, Cambridge
Feb. 15, 1883	1	<u> </u>
Feb. 6, 1890		Rumble, Charles, 31, Oberstein-road, New Wandsworth
Mar. 3, 1851	Thunna	Russell, Edward, 36, Lucerne-road, Highbury Park, N.
mai. 0, 1001	Tians.	Russell, W. J., Ph.D., F.R.S., 34, Upper Hamilton-terrace,
W.,t. 10 1050		St. John's-wood, N.W.; and St. Bartholomew's Hospital, E.C.
Feb. 16, 1870		Rylands, Thomas Glazebrook, F.L.S., Highfields, Thelwall, near
		Warrington
Inn. 7 1000		C. I. all a T. m. 2 * 1 Ct. 1 at 11 Mr. C. at W. I.
June 7, 1888		Sach, Albert J., Technical School, Goulburn, New South Wales
Feb. 19, 1891		Sacré, Howard C., 5, Ecclesford-road, Manchester
June 18, 1868		Sadler, S. A., Dr., Cleveland Chemical Works, Middlesborough
May 4, 1882		Sadtler, Samuel P., Ph.D., 145, North 10th-street, Philadelphia.
June 19, 1879	Trans.	U.S.A.
	Trans.	Sakurai, J., Tokio University, Japan
Dec. 20, 1883	± 1 (4/1/0)	Saint, W. Johnston, Reuter Strasse, 2A, Poppelsdorf vei Bonn,
Dal. 10 1000		Germany
Feb. 19, 1880		Salamon, Alfred Gordon, 160, Sutherland-avenue, W.
Feb. 19, 1880		Salet, George, 120 Boulevard St. Germain, Paris
May 4, 1876		Salomons, Sir David Lionel, Broomfield, Tunbridge Wells; and
April 18 1909		Berkeley Chambers, 13. Bruton-street, Hyde-park, W. [Salt, Henry, M.D.C.M., F.R.G.S., Inglewood, Great Malvern
April 16 1863 Feb. 17, 1859		Salter, Thomas W., Hamilton House, The Croft, Hastings,
reo. 11, 1009		Sussex
June 25, 1871		Salter, Mortyn John, Northcote, Beaconsfield-road, New Southgate
		Samuel, Albert Henry, Annesley, 167, Lodge-lane, Sefton Park
June 21, 1883		Liverpool
		merhoot

Date of Election.		
May 4, 1882		Samuel, W. Cobden, Wilton Lodge, 187 Norwood road, West
		Norwood, S.E.
Mar. 3,1870	Trans.	"Sandberg, C. P., 19, George-street, Westminster
Feb. 18, 1892		Sandercock, Thos. J. Buckler, Sideup College, Sideup Kent
Dec. 6, 1883		Sanderson, John, Middlesborough, Kentucky, U.S.A.
Nov. 16, 1882		Sanford, P. Gerald, Blandford-lodge, Streatham, S.W.
Dec. 4, 1890		Saniter, Ernest Henry, The Laboratory, Wigan Coal and Irini-Co., Wigan
Dec. 3, 1891		Sanyal, Abhayacharan, M.A., Professor of Physical Science, Queen's College, Benarcs, N.W.P., India
June 17, 1886		Saunders, Prof. William, Experimental Farm, Ottawa, Ontawo, Canada
Feb. 2, 1888		Saunders, W. Sedgwick, M.D., L.R.C.Phys.Ed., M.R.C.S., F.S.A., Medical Officer of Health for City of London, 13, Queen street, Cheapside, E.C.
Feb. 6, 1890		Sayers, William Charles, 38, High-street, Lewisham, S E.
Dec. 3, 1885		Seammell, Luther R., 42-4, King William-street, Adel at la South Australia
June 21, 1877		Searf, S. Isaae, F.I.C., City of London School, Vistoria Min- bankment, E.C.; and 75, Oxford-road, Islington, N.
Feb. 6, 1873		Schaeht, George Frederick, Windsor-terrace, Cotton Bristol
Dec. 6, 1888		Schieffelin, William Jay, 170, William-street, New York Co. U.S.A.
Dec. 2, 1886		Schleselman, James, Victoria-chambers, Dunde
Feb. 18, 1892		Schofield, James Alexander, University of Sydney New Smith Wales
April 21, 1887		Schubart, Louis H., Ph.D., 160, Water-street, New York
Mar. 15, 1842	Trans.	Schunck, Edward, Ph.D., F.R.S., Oaklands, Kerall, Man- chester
June 18, 1863		Seorgie, James, Poona Villa, King's Gate, Beechgray to the Aberdeen
Dec. 18, 1879		Scott, Alexander, M.A., D.Sc., Chemical Laboratory, Usersity, Cambridge
Dec. 3, 1891		Scott, Charles K, the North Brazilian Sugar Factor a Lincoln Engenho Central São Lourenco, Truma, Brazil
April 17, 1890		Scott, Ernest George, 67, Lord-street, Liverpool
Mar. 3, 1887		Scrutton, W., 18, Billiter-street, London, EC
Mar. 1, 1853	Proe.	Scudder, Frank, 140, Earl's-court road, Earl again, S.W.
May 7, 1891		Searl, Albert, The Caxtons, Miskin road, Dar r
Nov. 20, 1890		Seaton, Edward Cox, Ph.D., The Lame, 16 N r h S L + C x Common, S W
June 21, 1888		Seely, Herbert W., 11, Corn mark t, Hali a
April 15, 1875		Sellon, Soud more. The Hall, Syd nha SE
Feb. 16, 1882		Sells, V. Petronet, I, Wood by rr - 1
		4 Z

∂Z		FELLOWS OF THE CHEMICAL SOCIETY.
Date of Election.		
Mar. 4, 1875	Trans.	Senier, Alfred, M.D., Ph.D., Thornfield, Harold-read, Upper Norwood, S.E.
June 21, 1887	Trans.	Senier, Harold, 88, Norwood-road, Herne-hill, S.E.
Mar. 6, 1890		Sergeant, Edward, L.R.C.P. (Lond.), M.R.C.S. (Eng.), County
.,		Offices, Preston, Lancashire
Feb. 1, 1883		Serre, Charles A., Mitre Chemical Works, Cordova-road, Grove-road, Mile End.
Jan. 20, 1870	Trans.	Seward, Henry, c/o Messrs. J. B. Freeman, Sons, and Co., Wandle Colour Works, Wandsworth, S.W.
Feb. 19, 1874		Sexton, A. Humboldt, F.I.C., F.R.S.E., Professor of Metallurgy, Metallurgical Department, Andersonian-buildings. 204, George- street, Glasgow
June 20, 1880		Shadwell, J. E. L., Meadowbanks, Melksham, Wilts
Feb. 20, 1873		Shapleigh, Waldron, Welsbach Incandescent Gas Light Co.,
·		Factory, Gloucester City, New Jersey, U.S.A.
June 4, 1874		Sharman, William, 247, Mare-street, Hackney, N.E.
June 18, 1885		Sharp, James, The Towers, Low Moor, near Bradford
Feb. 2, 1888		Shaw, Frederic W., Laboratory, Heapy Bleach Works, near
,		Chorley, Lancashire
Feb. 21, 1883		Shaw, Harry G., 628, Montgomery-street, Room 47, San Francisco, California, U.S.A.
Feb. 6, 1890	Trans.	Shaw, Saville, Durham College of Science, Newcastle-upon-Tyne
Feb. 19, 1891		Shaw, Herbert D., Ilkley, Yorkshire
June, 16, 1887		Sheard, John T., 273, Main-street, Bridgetown, Glasgow
April 4, 1889		Shegog, Thomas Alexander, 4, Omsbersley-road, West Park, Newport, Mon.
Feb. 17, 1876	Trans.	Shenstone, W. A., Clifton College, Bristol; and 12, Clifton Parkroad, Clifton, Bristol
May 21, 1874		Shepherd, H. H. B., Northcote, Mount Pleasant-lane, Upper Clapton, N.E.
Dec. 16, 1886		Sheshadri, P. Y., The Mission House, Bethel, near Jaulna, via Bombay, India
June 18, 1891	Trans.	Shields, John, Ph.D., B.Sc., University College, W.C.
Dec. 16, 1886	Trans.	Shimidzu, T., c/o J. Takamine, 907, Chamber of Commerce, Chicago, Ills., U.S.A.
April 19, 1883		Shopoff, Vulko Ivan, Philippopolis, South Bulgaria
Mar. 19, 1874		Shore, Thomas William, F.G.S., Hartley Institution, South- ampton
Nov. 18, 1886		Shutt, Frank, M.A., Experimental Farm, Ottawa, Canada
April 17, 1890		Shuttlewood, W. Brewin, 2, Woodland-villas, South Woodford, Essex
May 16, 1889		Sibson, Alfred Edward, 2, St. John's-villas, Palmerston-road, Buckhurst Hill, Essex
Dec. 15, 1859	1	Sibson, Alfred, 23, St. Mary Axe, E.C.

Date of Election.		
April 17, 1890		Sibun, James, 2, Lax-terrace, Norton, Stockton-on Tee
Nov. 29, 1874	Trans.	Siebold, Louis, 18, Exchange-street, Manche ter
Dec. 2, 1886		Silvester, Harry, Malvern House, Handsworth, Burmon cham
Dec. 3, 1885		Sim, James, 77, Dec-street, Aberdeen
April 4, 1889		Simmonds, Henry, Gas Works, Colne, Lancashire
April 21, 1887		Simmons, L., Farcham, Hants
April 21, 1887		Simmons, L. Owen, Wolvesey, Winchester
1857		Simpson, Maxwell, M.D., F.R.S., Queen's College, Core
May, 29, 1886	Trans.	Simpson, William Selby, 95, Darenth-road, Samford Hill, N
May 16, 1889		Singer, Ignatius, 13, Holker-street, Keighley, Yorkshire
April 15, 1880		Skelton, J. R., The Homestead, Thorpe Village, Norwick
Feb. 2 1888	Trans.	Skinner, Sidney, M.A., The Cavendish Laboratory, Cambridge
Feb. 18, 1892	* 1 (4 4 11 5 .	Skurray, Thomas, United Breweries, Abingdon, Berkah re
April 17, 1879		
April 15, 1880	Trans.	Slater, Charles, 16, Northwick-terrace, St. John's Wood, N.W.
April 15, 1000	TIGHS.	Slater, Harold H., Laboratory and Cement Tetine Office,
Dec. 5, 1878		Grays, Essex Slatter, George W., A.R.C.S., F.I.C., Saltaire, Yorkshire
April 4, 1889		Slater, John W., 36, Wray-crescent, Tollington Park, N
Feb. 5, 3863	Trans.	Smee, A. Hutchinson, The Grange, Hackledge, Carst alten.
100. 0, 3000	Trans.	Surrey
Dec. 16, 1875		Smetham, Alfred, Analytical Laboratory, Cereal Chambers, 19
Dec. 10, 1015		Brunswick-street, Liverpool
Dec. 5, 1872		Smith, A. Percy, 83, Temple-chambers, E.C.
June 21, 1883	Trans.	Smith, Adolphe, 19, Barclay-road, Walham Green
April 17, 1890	114110.	Smith, Alexander, Ph.D., B.Sc., Wabash College, Crawfordsv He,
21p111 11, 1000		Indiana, U.S.A.
April 15, 1880		Smith, Alfred J., 103, Rock-street, Pitsmoor, Sheffield
Feb. 16, 1888		Smith, Angus, 10, Ardgordan-street, W., Greenock, N.B.
Dec. 15, 1881	Trans.	Smith, Bernard E., Alkali Acts Department, Local Government
200. 10, 1001		Board, Whitehall, S.W.; and The Grove, Birtley, 10
		Durham
Feb. 21, 1884		Smith, Edgar Francis, 35, Ampthill square, Hamp tead rad,
100. 21, 1001		N.W.
Mar. 20, 1878		Smith, Edgar F., Prof., University of Penna., Philadelphia, Pa
Dec. 9, 1869		Smith, Edward, Heathfield House, Chudleigh, Devon
June 16, 1892		Smith, Ernest Heber, Cambrian-crescent, Chester
Nov. 20, 1892		Smith, Fred., c o W. J. Kent, Esq., Galpin's hamber, Cim-
,		missioner street, P.O. Box 294, Johannesburg
April 2, 1874		Smith, George, Nobel's Explosives Co. Polmont Stati n
		land
Dec. 20, 1883		Smith, George, 141, Lothair-road, North Finsbury Par
Feb. 18, 1892		Smith, George P. Darnell, Co. St. Michael's Hill, Bri
Feb. 6, 1890		Smith, Harry Wood, B Sc., Mar May and Baker Ger
		Wharf, Church-road, Batter a

		The chemical society.
Date of Election.		
May 16, 1892	1	Smith, H. R., 1, Aubert-park, Highbury, N.
May 5, 1892		Smith, John Mcadows, Laboratory, 66, College-street, Chelsea,
_		S.W.
Dec. 18, 1879		Smith, John William, Mass. Institute of Technology, Royston,
		street, Boston, Massachusetts
Feb. 6, 1873	Trans.	Smith, Miles H., 3, Great Tichfield-street, Oxford-street, W.
Feb. 19, 1891		Smith, R. Greig, Durham College of Science, Newcastle-on-Tyne
Feb. 16, 1888		Smith, Sam, Mena, Union-road, Exeter
Nov. 18, 1886		Smith, Sidney, 35, Ampthill-square, Hampstead-road, N.W.
Mar. 17, 1870		Smith, S. J., C.E., F.G.S., F.S.A., Aucklands, Wandsworth Common, New Wandsworth
April 7, 1856		Smith, Thomas J., F.G.S., Wilton-terrace, Hornsea, East York-
		shire
Feb. 3, 1876		Smith, W. A., M.A., M.B. Oxon, M.R.C.S. Eng., Newport, Essex
Dec. 20, 1866	Trans.	Smith, Watson, University College, Gower-street, W.C.
Dec. 20, 1883	Trans.	Smithells, Arthur, Professor, The Yorkshire College, Leeds
Dec. 18, 1873		Smyth, John, M.A., Milltown, Banbridge, Ireland
Mar. 3, 1887	Trans.	Snape, Henry Lloyd, Prof., Chemical Laboratories, University
		College of Wales, Aberystwith
May 16, 1872	Trans.	Snelus, George J., F.R.S., 2, Victoria-mansions, Victoria-street,
		Westminster, and 42, Lowther street, Whitchaven
Dec. 18, 1879		Snodgrass, James, 2, Keir-terrace, Maxwell-road, Pollok-
T *0 *0**		shields, Glasgow
June, 18, 1891		Soloman, Frank Oakley, North Eastern County School, Barnard Castle
Dec. 17, 1874		Sonstadt, Edward, Church Field, Cheshunt, Herts
Dec. 18, 1884	Trans.	Sorabji Bomanji, Khan Bahadur, Ph.D., C.E. (Bombay) Assoc.,
200. 10, 1001	11aus.	M.l.C.E. (Lond.), State Engineer, Rajhipla State, Nandod,
		India
Feb. 3, 1887		Sohn, Charles, 25, Beverley-road, Anerley
May, 6, 1875		Southall, Alfred, Garrick House, Richmond Hill, Edgbaston
Feb. 21, 1889		Southam, Stanley, 338, Upper Grosvenor-street, Manchester
June 21, 1883		Soward, Alfred W., 144, Friern-road, Dulwich, London, S.E.
Dec. 15, 1892		Spackman, Charles, Fair-view, Sileby, near Loughborough
Feb. 21, 1889		Speakman, James, Penhold, Post Office, Calgary, Alberta,
		Canada
Jan. 18, 1866		Speir, James, 110, Fenchurch-street, E.C.
Feb. 1, 1883		Spencer, Ernest Samuel, Elmstead, Merton-park, Surrey
April 4,1878		Spencer, James, B.Sc., 38, Ash-grove, Bradford
Mar. 4, 1886		Spencer, Richard, Holker-street, Barrow-in-Furness
Feb. 6, 1879		Spencer, Samuel, Wetherby, The Avenue, Lower Norwood
June 16, 1887		Spencer, W. Shelley, 105, Bridge-street, Farnworth, near Bolton,
E 1 0 10"	m	Lancashire
Feb. 3, 1859	Trans.	Spiller, John. 2, St. Mary's road, Canonbury, N.

Date of Election.		
Jan. 15, 1863		Spiller, William, Atlas Dye Works, Hackney-wick, E.
June 18, 1885		Spilsbury, James, Evington, Northumberland street, Higher
		Broughton, Manchester
June 4, 1885		Spottiswoode, W. Hugh, Balliol College, Oxford; and 41,
		Grosvenor-place, S.W.
Feb. 18, 1892		Spray, Henry John, 15, Bucharest road, Wandsworth, S.W.
Dec. 1, 1864	Trans.	Sprengel, Hermann, Ph.D., F.R.S., Savile Club, 107, Piccadilly, W.
May 4, 1882		Squire, P. Wyatt, 413, Oxford street, W.
Feb. 4, 1858	Trans.	Squire, W. Stevens, Ph.D., Clarendon House, St. John's Wood-
,		park, N.W.
Feb. 18, 1892		Squires, Mfred James, 16, Lower Shaford-road, Newark, Notts
May 5, 1892		Stables, William Herbert, B.A., The Hostel, Lincoln
June 21, 1877		Stacey, Henry George, 300, High Holborn, W.C.
Dec. 18, 1879	Trans.	Stallard, George, M.A., Tower Lodge, Bilton-road, Rugby
April 21, 1859	Trans.	Stanford, Edward Charles, Glenwood, Dalmuir, Dumbarton hire
Mar. 17, 1887	A 6 6611 1.	Stanger, W. Harry, Chemical Laboratory, Broadway, West-
		minster
April 15, 1880		Stanley, John William, The Laboratory, Tondo, near Bridgend,
		Glamorgan
Feb. 3, 1887		Stansell, Lionell W., Bydews, Holland-road, Maidstone, K. nt
Dec. 3, 1885		Staples, Henry J., Spondon, Derby
Dec. 15, 1870		Starey Arthur J., 18, Ashley-road, Hornsey-rise, N.
Dec. 15, 1870	Trans.	Stark, J. Fleming, Bromborough Pool, near Birkenhead
Mar. 16, 1876	2 1 (111)	Starling, J. H., Crossness, Belvidere, Kent
Feb. 17, 1881		Stavert, Rev. W. J., M.A., Burnsall Rectory, Skipton in Craven,
,		Yorkshire
Nov. 16, 1882	Trans.	Stead, J. E., Redear, Middlesborough
May 4, 1882		Stebbins, James H., 114, Pearl-street, New York
June 16, 1887	Proc.	Steedman, Charles Ernest, Abberton House, Strand, Williams-
		town, Melbourne
May 7, 1885		Steel, Robert Elliot, Hawthorn House, Bailden, nor Shipley
		Yorkshire
Dec. 5, 1889		Steel, Sydney, Fairlawn, Blackheath, S.E.
Dec. 4, 1890		Steel, Thomas, Sugar Refinery, Yarrav IIc. Melbourne, Viet ria
Dec. 18, 1884		Steele, Robert R., 8, Adelaide square, Bedford
Jan. 17, 1884		Stenhouse, Thomas, 8, West-street, Rochdale
May 5, 1892	Proc.	Stenhouse, James, Gas Works, New-street, Edinbur h
Dec. 6, 1883		Stephens, C. W., 116, Wednesbury-road, Walsall
April 15, 1880		Stephens, Henry Charles, M.R. Inst., Avenue Hou., Finchley
Dec. 3, 1885		Stephenson, Stephen, 98, Kensington, Liverpool
Dec. 3, 1891		Stephenson, Tuomas, Bellasis-road, Byzalla, Bombay
Dec. 6, 1888		Stern, Arthur Landauer, Mc rs. Base and Co. Old Br 10
		Barton-on Trent
Dec. 15, 1881		Stenart, Daniel Rankin, Broxburn, Linli L. whir

56	F	ELLOWS OF THE CHEMICAL SOCIETY.
Date of Election.		
Feb. 18, 1864	1	Stevenson, Thomas, M.D., Sandhurst Lodge, 45, Gresham-road,
		Brixton, S.W.
Feb. 6, 1879		Stevenson, William, 95A, Southwark-street, S.E.
June 20, 1872		Stewart, Walter, 22, Torphichen-street, Edinburgh
Feb. 21, 1889		Stillman, Thomas B., Steven's Institute of Technology, Hoboken,
100. 21, 1000		N.J., U.S.A.
Dec. 15, 1881		Stitt, Charles Alfred, Horneleu Cheney Gardens, Edinburgh
June 21, 1866		Stock, W. F. K., 5, Dixon-terrace, Darlington
Feb. 19, 1891		Stockdale, R., the Grammar School, Leeds
June 18, 1874		Stocks, Frederic, Sneal's Green House, Droitwich, Worces-
0 1110 23, 2272		tershire
Nov. 17, 1887		Stocks, [Herbert B., 25, Ferndale-road, Southdown-road, Liver-
		pool
Mar. 5, 1885		Stocks, Joseph M., Ramsbottom Paper Mill Co., Ramsbottom,
		Lancashire
Dec. 3, 1885		Stoker, Henry, 5, Argyll Mount, Mansfield, Notts
April 17, 1879	Trans.	Stokes, A. W., Vestry Hall, Paddington
Dec. 18, 1873		Stone, Edward Daniel, Laboratory, 19, Lever-street, Piccadilly, Manchester
April 17, 1890		Stone, Frederick Richard M., 58, Upper Parliament-street,
•		Liverpool
Dec. 2, 1875		Stone, J. Harris, M.A., F.L.S., Barrister-at-Law, 3, Dr. John-
, ,		son's-buildings, Temple, E.C.
April 17, 1879		Stone, William, M.A. Cantab, F. L.S., Oxfordand Cambridge, Garrick,
		and Union Clubs, and Members Mansions, Victoria-street, S.W.
May 7, 1891		Storey, James Ashburner, B.Sc., Warakamure, Matale, Ceylon
June 19, 1884		Stormouth, Thomas, Athol House, Clarence-road, St. Thomas,
0 4110 10, 1001		Exeter
Feb. 3, 1887		Strangman, J. Pim, Sarno, Province of Salerno, Italy
May 7, 1885	Trans.	Stuart, Charles M., M.A., St. Dunstan's College, Catford, S.E.
June 19, 1884		St. Stephen, Raynor, Tregenna House, 25, Fordwych-road,
· ·		Brondesbury
Dec. 4, 1890	Trans.	Sudborough, J. Joseph, B.Sc., Heidelberg Chemische Labora-
· ·		torium der Universitats
Dec. 5, 1878	Trans.	0 0 1 0 1 0 1 1 0 1 1 1 0
,		Nishikonyacho, Tokio, Japan
June 16, 1887		Sulman, H. Livingstone, 13, Brewster-gardens, St. Quintin
, , , , , , , , , , , , , , , , , , , ,		Park, W.
Feb. 16, 1888		Sumner, Robert Mason, co Messrs. Parke, Davis and Co.,
		Detroit, Michigan, U.S.A.
April 21, 1887		Sutcliffe, Samuel, Mostyn, N. Wales
Feb. 3, 1887		Sutherland, D.A., F.I.C., 2, Victoria Mansions, Westminster,
		S.W.

Feb. 21, 1884 Sutton, C. W., 19, Henley-road, Ipswich

Date of Election.		
April 19, 1860		Sutton, F., Laboratory, Bank Plain, Norwick
Mar. 4, 1836		Sutton, F. Napier, 6, Grosvenor gardens, Will in G
June 3, 1875		Swan, Joseph William, M.A., Lauriston, Bromle, K. h.
June 20, 1889		Swan, Robert, M. W., 15, Walmer-cre-cent, Garrow
Dec. 5, 1889		Sworn, Sidney Augustus, 12, Beaumont-buildings, Ox
Feb. 18, 1892		Sykes, James, 76, Lockwood road, Hudd, rafield
Feb. 19, 1891		Sykes, M. Carrington, L.P.H. Lond., L.R.C.P. Lond M.P.C.s.
ŕ		Eng., L.S.A. Lond., Sykeshurst, Barnley, Yorks.
May 16, 1889		Sykes, Walter J., M.D., S, Nicosin-road, Wand wor
		S.W.
Feb. 19, 1891		Symes, K. Edward, Magdalen House, Bridport, Dor. 1
June 17, 1880		Symons, Brenton, 11. Parade, Truro, Cornwall
April 3, 1862	Trans.	
Dec. 17, 1874		Symons, William Heary, F.R.M.S., 130, Fellows r d. > 11
2, 10, 10, 1		Hampstead, N.W.
		··amportati, x. m.
Feb. 17, 1881	Trans.	Takamatsu, T., Tokio University, Japan
Feb. 3, 1887	Trans.	Takamine, Jokichi, 907, Chamber of Commerc Buil it
		Chie 190 HI., U.S.A.
Feb 19, 1874		Tanner, Henry, Prof., 27, Mornington-cres ent, Stanwarder
100 10, 1014		West Kensington, W.
Feb. 21, 1884		Tarn, Albert, Mansion House-chambers, 20, Bucklers ur., E.
Dec. 4, 1890		Tate, Francis Henry, 9, Hackins Hey, Liverpool
June 16, 1881		Tate, George, Ph.D., College of Chemistry, Duke-street Liv ti
Dec. 18, 1884	Trans.	Tate, Walter, 43, Norwood Grove, Liverpool
May 15, 1890		Tate, William, Royal College of Science, South Kensit ston, S W
Dec. 5, 1867		Tatlock, Robert R., Observatory, 2, Mundonald-road, Gla
Dec. 2, 1875		Taylor, Andrew, 11, Luston-place, Edinburgh
Feb. 7, 1878		Taylor, G. S., 13, Queen's-terrace, St. John's-wood, N.W.
Dec. 7, 1882		Taylor, G. Midgley, 27, Great George-street, Westmin t
June 17, 1880		Taylor, James, B.Sc., Covernment Me allurgist, D. ar
June 18, 1891		Mines, Sydney, New South Wales
June 10, 1031		Taylor, John, 15, Lucius-street, Torquay
April 19, 1888	Trans.	Taylor, John G., Orielton-terrace, Pembrok
Jan. 15, 1874	2 4 (411 ().	Taylor, R. L., 37, Mayfield-road, Alexandra Park, Man habit
June 4, 1885		Taylor, Rev. Charles Johnson, M.A., F.R.A.S., F.R.M.S. 11
June 4, 1005		Larches, Banstead, Surrey
Dec. 6, 1888		Taylor, William, China Sugar Refining Co., Eart P. m. II. K.
April 4, 1878		Teherniac, Joseph. Ph.D., Thulstrass 1, Frail Br
April 4, 1010		Germany
April 17, 1879	Trans.	Teed, Frank L., D.Sc., 17, Victoria tr. 1, S.W.
May 1, 1877	2 1 (811-2)	Terrill, William, 42, St. George et rrae, Swan
		Tervet, Robert, 54. Penshur rand Sarta H. k.
Feb. 15, 1881		Tetley, Frederick, o. M. my letterra latent
June 18, 1891		Totale, Frederick, o, 24 miles entit

Date of Election.	
Dec. 18, 1884	Thom, George, Dollar, N.B., and 48, Stanford-road, Victoria
	read, Kensington, W.
Nov. 17, 1859	Thomas, Andrew, 13, Hendley-street, Adelaide, South Australia
Dec. 7, 1871	Thomas, Charles, Woodcote, Stoke Bishop
Mar. 5, 1874	Thomas, Harry Edgeombe, Rockleaze Point, Clifton, Bristol
Feb. 18, 1875	Trans. Thomas, Joseph William, Drumpellier, Brunswick-road, Glouces-
,	ter
Feb. 5, 1863	Thompson, Beeby, 55, Victoria-road, Northampton
May 5, 1892	Thompson, George-de Roos, 28, Treleth-road, Askham-in-Furness,
0, 1002	Lancashire
Dec. 16, 1886	Thompson, W. Phillips, 95, Shrewsbury-road, Claughton, Birken-
Dec. 10, 1000	
N	head
Nov. 20, 1884	Trans. Thompson, Charles, 15, Patshull-road, Kentish Town, N.W.
Dec. 17, 1885	Trans. Thomson, Andrew, Ph.D., 10, Comly Bank, Bridgend, Perth
Mar. 4, 1886	Trans. Thomson, Claude M., M.A., University College, Cardiff
Nov. 2, 1876	Trans. Thomson, George C., 23, Kersland-terrace, Hillhead, Glasgow
April 15, 1858	Trans. Thomson, John, 12, Lower Kennington-lane, S.E.
Jan. 18, 1872	Trans. Thomson, John Millar, King's College, W.C.; and 53, Princes-
	square, Bayswater, W.
Jan. 13, 1872	Thomson, William, Royal Institution Laboratory, Manchester
Feb. 16, 1882	Trans. Thorne, Leonard T., Ph.D., 8, Dynevor-road, Richmond, Surrey
Dec. 3, 1885	Thorne, Edward E. H., care of H. E. Thorne, Esq., Bridgetown,
	Barbadoes, West Indies
Nov. 20, 1890	Thornley, J., Brooks, junr., co Felton, Grimwash, and Co., Jeff
,	cott-street, Melbourne, Australia
Mar. 4, 1858	Thornthwaite, William, 416, Strand, W.C., and 14, Highbury
1, 1000	Hill, N.
Mar. 15, 1888	Thornton, H. Belcher, 44, Salisbury-road, Wavertree, Liverpool
	Thorp, Walter, The Limes, Henry-road, New Barnet, N.
,	
Feb. 1, 1866	Trans. Thorp, William, B.Sc., 24, Crouch Hall-road, Crouch End,
T1 1 10 10 10	London, N.
Feb. 16, 1871	Trans. +Thorpe, T. E., Ph.D., F.R.S., B.Sc., Royal College of Science,
	South Kensington, S.W.
May 7, 1891	Thonger, C. G. Freer, M.R.A.C., Colonial College, Hollesley Bay,
	Suffolk
Dec. 2, 1875	Trans. Thresh, J. C., D.Sc., Medical Officer of Health, Chelmsford
Dec. 20, 1860	Trans. Thudichum, John L. W., M.D., 11, Pembroke-gardens, W.
Dec. 2, 1880	Thwaite, B. H., Patent Office, 37, Victoria-street, Liverpool
Feb. 19, 1863	Trans. Tiehborne, C. R. C., LL.D., Ph.D., 15, North Great George-street,
	Dublin
Mar. 17, 1881	Trans. Tiemann, Ferdinand, Ph.D., Berlin, W., Beudler-strasse, 18
June 1, 1865	Trans. Tilden, William A., Prof., F.R.S., 77, Harborne-road, Edgbaston,
	Birmingham

[†] Longstaff Medallist, 1881.

Date of Election.	
Dec. 5, 1889	Trans. Tingle, J. Bishop, Ph D., Gordon & College, Alert en
May 7, 1891	Tocher, James Fowler, A.I.C. 1, Chapel street, Peterina
June 20, 1853	Tomlin, Andrew, Valparaiso
June 2, 1864	Trans. Tomlinson, Charles, F.R.S., 7, North-road, H. Mate, N.
June 17, 1880	Trans. Tompkins, H. K., B.Sc., 40, Alexandra-road, Gipsy Holl, S.E.
Feb. 21, 1884	Tompson, Frederick William, 1, Spring-terrace, Borton on Tro-t
June 21, 1877	Toms, Frederick Woodland, F.I.C., States Analyst, Jer ey
Jan. 15, 1855	Tookey, Charles, Museum of Practical Geology Jermyn tre t, S.W.
Dec. 3, 1868	Trans. Tosh, Edmund G., The Lund, Ulverston, Lancashir
Feb. 2, 1888	Townsend, Charles F., Belfast Corporation Gas Work, Orm au
-, -, -, -, -, -, -, -, -, -, -, -, -, -	road, Belfast
June 16, 1887	Traphagen, Frank W. Ph.D., Pr. f. of Chemistry in the Call
	of Montana, and in the Montana S hool of Mines, U.S.A., Decr.
	Lodge, Montana
Feb. 18, 1892	Travers, Morris W. 2. Phillimore-gardens, Kensington, W.
Mar. 15, 1888	Trewby, Herbert, Langford Lodge, New Park road, Brix in Hall,
	S.W.
June 16, 1881	Trigger, Oliver, Chemical Department, Royal Arsonal, Woolwin,
,	S.E.
Nov. 15, 1888	Trinks, C. Heinrich, 40, Ainger-road, Primrose Hill, N.W.
May 5, 1892	Trobridge, Arthur, Langley, near Birmingham
Dec. 4, 1873	Truman, Edgar Becket, M.D., 31, Derby road, Nottingham
Dec. 5, 1889	Tucker, Willis G., M.D., Albany, New York, U.S.A.
May 5, 1892	Tuer, Arthur Holt, Thornhill, Wigan, Lancashire
Dec. 2, 1886	Turner, Arthur, L.D.S. Ed., The Lames, Aylesbury
Dec. 6, 1888	Trans. Turner, Charles, 225, Oxford-street, Manchest r
Feb. 1, 1883	Trans, Turner, Thomas, Mason College, Birminghum
Feb. 21, 1889	Trans. Turpin, George Sherbrooke, M.A. (Cantab), D.S. (Lund.),
22, 1000	Storey Institute, Lancaster
Der. 15, 1892	Turton, Albert Henry, F.R.G.S., Ardleigh, Carlyle road Edwa-
20. 10, 10.2	ton. Birmingham, and Launceston, Ta mania
Feb. 2, 1871	Tustin, John Robt., The Elms, Mer on Hall road, Wimbl. Ion, S.W.
June 2, 1870	Tustin, W. B., Lordings, 156, Domark hill, S.
Feb. 2, 1888	Trans. Tutton, Alfred E., Reyal College of Science, South Ken in the
June 19, 1879	Tweedle, George R. 54, Hawley-square, Margate
May 5, 1892	Tweedle, Thomas Shortridge, The Mort, Anan
Dec. 2, 1886	Twining, Alfred H., The Knoll, Sale mbe, king ride, and
Dec. 2, 1000	Devon
April 2, 1868	Tyndall, Dr. John, F.R.S., Hand Head Houle, Hall of r
Feb. 17, 1876	Typke, P. G. W., Ravenburst, Morbiton Park, New Maden Sorrey
Dec. 7, 1876	Tyrer Thomas, Stirling Chemical Works, Abl-y-and, Stirling Chemical Works, Abl-y-and, Stirling Chemical Works,
Dec. 3, 1895	Tyson, Thomas B., 21, Montague tret, Werl
,	
April 6, 1876	Udall, Thomas Bertram, New and e und r Iv., S. H. and er
4	

60	FELLOWS OF THE CHEMICAL SOCIETY.
Date of Election,	
Nov. 16, 1865	Umney, Charles, 50, Southwark-street, S.E.
Feb. 21, 1889	Underhill, Thomas J., 6, The Terrace, Royal Victoria Yard, Dept-
	ford, S.E.
June 3, 1869	Vacher, Arthur, 9, Marlborough-hill, St. John's Wood, N.W.
Mar. 16, 1882	Vacher, Francis, Birkenhead
Mar. 6, 1890	Valentin, Basil William, Ashton Brewery, Birmingham
Dec. 1, 1887	Vargas, Vergara J. M., Laboratorio Central, Calle 13, No. 206,
,	Bogota, Republic of Columbia, South America
Mar. 1, 1883	Vasey, S. A., Arncliffe, Leytonstone, Essex
Dec. 7, 1882	Vasey, Thomas E., 6, South-parade, Leeds
April 17, 1879	Trans. Veley, Victor H., M.A., 22, Norham-road, and University,
	Museum, Oxford
Feb. 19, 1891	Velling, F. W. De, B.A., Upper Board Schools, Heckmond-
100, 10, 1001	wike
May 6, 1881	Venable, Frank P., Ph.D., Chapel Hill, North Carolina
Jan. 17, 1889	Venis, Walter, M.R.C.S., L.S.A., D.P.H. Cantab., Benares,
11, 1000	India
Jan. 18, 1872	Vincent, Charles W., F.R.S.E., F.C.S. of Berlin, Reform Club,
0411. 10, 10.2	Pall Mall, S.W. and Royal Institution, W.
May 16, 1889	Virtue, William, Abbey-street and Waterside Distilleries and
,,	Mills, Londonderry
Feb. 21, 1884	Voeleker, Edward William, 39, Argyle-road, Kensington, W.
Jan. 17, 1884	Voeleker, John A., Ph.D., 20, Upper Phillimore-gardens,
, , , , , , , , , , , , , , , , , , , ,	Kensington, W.
April 17, 1862	Von Bose, C. Moritz, Messrs. Gehe and Co., Chemical Works,
•	Dresden
April 4, 1889	Voss, Walter Arthur, 159, Croydon-road, Anerley, S.E.
Nov. 19, 1885	Vulte, Hermann T., Ph.B., School of Mines, Columbia College,
	East 49th-street, corner of 4th-avenue, New York
Feb. 6, 1890	Wade, John, B.Sc. (Lond.), 15, St. George's Mansions, Blooms-
	bury, W.C.
June 7, 1888	Wade, Mark S., M.D., Victoria, British Columbia
Dec. 4, 1890	Wadsworth, George Henry, Fritham, near Lyndhurst, Hants
April 17, 1884	Wainwright, Howard, Ph.D., 22, West 46th Street, New York,
	City, U.S.A.
May 17, 1888	Wait, Frank Goodell, Geological Survey Department, Ottawa
Feb. 15, 1866	Trans. Walenn, W. H., 9, Carleton-road, Tufnell Park, N.
Mar. 17, 1881	Walker, Archibald, B.A., 8, Crown-terrace, Dowanhill, Glasgow
Feb. 2, 1865	Trans. Walker, J. F., M.A., 45, Bootham, Yorks; and Sidney College.
_	Cambridge
Jan. 16, 1868	Walker, Col. Alexander, R.A., Inspector-General of Ordnance,

Calcutta

		The state of the s
Date of Election.		
Dec. 5, 1889		Walker, Daniel, A.K.C., B.Sc., School of Mine , Ball vat, V ort
Feb. 6, 1890		Walker, James, D.Sc., 5, Chepstow place, We thourne Group
April 17, 1890		Walker, James S. Il , e o Mrs. Flomia , 19, Livington -p.a -,
		Edinburgh
Dec. 6, 1888		Walker, J. T. Ainslie, The Laboratory, Rishton Paper Mill, near
3, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,		Plantage Land Line Laboratory, Rishton Paper Mill, near
Feb. 17, 1881		Blackburn, Laneashire
		Walker, Robert William, Bank Cottage, Edgworth, ne r Bolton
April 17, 1879		Walker, Thomas Hatfield, 1, Picton place, New and con-Tyne
June 4, 1884		Wallace, Prof. Robert, The University Edinburgh
Dec. 5, 1878	Trans.	Waller, Elwyn, Ph.D., School of Mines, Columbia College, c. r.
		49th-street, 4th-avenue, New York
Mar. 3, 1887		Wallis, Henry Weston, 8, Great Winchester street, London, E.C.
Mar. 1, 1893		Walmsley, R. Mullineux, D.Sc., Heriot Watt College, Edinburgh
Dec. 6, 1888		Walrond, Edward Dalrymple, B.A., North Eastern County
		School, Burnard Castle, Durham
Dec. 9, 1869		Walton, Thomas, M.D., 10, Charlotte-street, Hull
Mar. 20, 1884		Walton, Thomas Ulrick, B.Sc., F.I C., Colonial Sugar Refinery
Mat. 20, 100±		Co., Sydney, New South Wales
L		
April 21, 1864		Ward, George, Buckingham-terrace, Headingley, Leed
Dec. 1, 1987		Ward, John Septibo, 24, Newington, Liverpool
Dec. 3, 1891		Ward, Thomas Armistead, 62, king Willi m s rea, Bl. k
April 20, 1871		Ward, William, Sheffield Moor, Sheffield
Dec. 4, 1873	Trans.	Warden, C. J. H., Prof. of Chem stry, Medical College, Cleu ta
May 20, 1875		Wardle, Thomas, F.G.S., Leek, Stuffordshire
Mar. 19, 1863	Trans.	Warington Robert, F.R.S., Harpendon, St. Alban
Dec. 7, 1871	Trans.	Warner, George Joseph, 41, Albert-road, Widnes
May 5, 1891		Warren, Cyprian A., 36. The Grove, Capha and d. S.W.
Dec. 6, 1888		Warrick, Frederic Walmsley, 53, Great Ormond street, W.
Nov. 17, 1887	Trans.	Warrington, Arthur Walley, University Colege 1 William
1.07.11, 1001		Aberystwith
Nov. 16, 1882		Waterfall, Charles J., 1, Queen's s man, Bri 151
April 4, 1889		Waterhouse, Wm. John, B.Se., Christ Church Oxford
Mar. 15, 1858		Wates, Edward Arthur, Lingsugur, De an, India
Mar. 5, 1885		Watson, Charles, Walsden Chemical Waks, near Tollow 11
Jan. 18, 1872		Watson, David, D.Sc., The Brought in Copper Works, Salfore,
		Manchester
June 16, 1887		Watson, Frederice Percy, 5, Beattoont trong Landa
May 4, 1882		Watson, George, jun . 16. East N I-on s re t, WI I a to w
Mar. 1, 1883		Watson, Thomas Douald, 23, Cross Treet, Forbore, Evi
Jan. 20, 1876	Trans.	Watson, W. H., Braystones, near Whitehavin Councilland
June 21, 1877		Watt, Alexander, co Moses, Martin and Son, Mr. Moor Mr.
		Liverpool
Mar. 1, 1833	Trans	Watts, Francis Governor at Laurence St Jan Andreas
2, 20.0		West Indies
		77 14 14 14 14 14 14 14 14 14 14 14 14 14

04		FELLOWS OF THE CHEMICAL SOCIETY.
Date of Election.		
Feb. 1, 1872	Trans.	Watts, John, D.Se., Chemical Laboratory, Museum-bdgs., Oxford,
Dec. 5, 1878		Watts, John I., Fir Grove. Winnington, Northwich
Dec. 6, 1888		Way, Edward J., F.I.C., c o Transvaal Gold Exploration Co.,
,		Leydenberg, Pilgrims Rest, Transvaal
June 6, 1872		Weaver, Richard, C.E., The Sanitary Laboratory, 24, High Hol-
		born, W.C.
Mar. 1, 1883	Trans	Webster, Charles Stuart, Malvern House, Redland, Bristol
Mar. 1, 1866		Webster, G. W., 33, Bridge-street-row, Chester
June 21, 1877		Webster, William, Glencot, Blackheath Park, Blackheath, S.E.
April 4, 1889		Weir, P. A., Surgeon-Major, M.B., Residency Surgeon, Nepal,
		viá Bombay
Feb. 16, 1888		Welch, J. Cuthbert, Messrs. Simonds, The Brewery, Reading
Feb. 19, 1891		Wellington, Stephen N., M.I.C.E., Loretto House, Regent-road,
		Great Yarmouth, Norfolk
May 5, 1892		Wells, George I. J., F.I.C., Kinderton Lodge, Middlewich,
		Cheshire
June 19, 1884	Trans.	Wells, James S. C., Ph.D., Hackensack, New Jersey, U.S.A.
Feb. 6, 1890		Wells, S. Russell, B.Sc., 14, Girders-road, West Kensington
Feb. 18, 1888	Trans.	Werner, Emil A., 5, Church-avenue, Rathmines, Dublin
Dec. 17, 1874	Trans.	Wethered, Edward, 4, St. Margaret's-terrace, Cheltenham
Dec. 6, 1883		Wetzel, Henry A., Messrs. Parke, Davies, & Co., Box 470,
		Detroit, Michigan, U.S.A.
Mar. 4, 1886		Wertheimer, Julius, Merchant Venturers' School, Bristol
May 5, 1892		Whalley, Lawrence J. de Lancaster, 26, Park-place, Greenwich,
		S.E.
Dec. 6, 1888		Whieldon, Ernest William, 12, Bedford-road, Tottenham, N.
June 2, 1851		White, Alfred, F.L.S., West Drayton
Dec. 3, 1891		White, Henry, 80, London-road, Carlisle
Mar. 20, 1862		White, Leedham, 2, Lime-street-square, E.C.
April 4, 1889		White, John Tsawoo, M.A., F.I.C., Pyinmana, Upper Burmah
Feb. 5, 1885)	Whitehead, Henry H., The Royal Brewery, Brentford
Dec. 5, 1889		Whitehouse, William, Albany House, Bradmore, Wolverhampton
Dec. 15, 1892	i	Whiteside, John Lowe, 51, Cannon-street, Bolton
Nov. 5, 1863		Whitfield, John, 113, Westborough, Scarborough
June 16, 1892	D	Whiteley, Fred., B.A., Barrow High School, Barrow-in-Furness
April 15, 1886	Proc.	Whiteley, R. Lloyd, University College, Nottingham
Dec. 15, 1881		Whitlock, James, Sunny Bank-villas, Oswaldtwistle, Lancashire
April 17, 1879		Whitaker, Thorp, Messrs. Ripley & Sons', Dye Works, Bradford, Yorkshire
Dec. 5, 1889		Whittam, Matthew, St. Peter's School, York
Dec. 5, 1889		Wigan, Basil P., North Cheshire Brewery Company, Macclesfield,
		and 43, Christ Church-square, Macclesfield
May 7, 1891		Wild, John, 28, Hyde-road, Woodley, Stockport
June 16, 1881	1	Wilkes, John Potter, Pinner's Hall, 541, Old Broad-st., E.C.

Date of Election.	
Feb. 19, 1891	Wilkinson, David, the University, Daned n. Otaro, New Z al n.l.
Dec. 17, 1885	Will, Wm. Watson, 1, St. Agnes place, Kennington Park, S.L.
Feb. 19, 1891	Will, W., Ph.D., Beethhoven strasse, No. 1, Berdin, N.W.
Jan. 16, 1862 Trans	Williams, C. Greville, F.R.S., F.L.C. Castlemaine, Oakhull road,
V 4441 10, 1002 21411	Putney, S.W.
April 1, 1875 Trans	· ·
June 21, 1883 Proc	
wane 21, 1005 1100	Williams, Rowland, Laboratory and Assay Office, 28 Pall Mall Manchester
June 18, 1891	Williams, Seward W., c o Scabnry and John on, East Orange,
oune 10, 1001	New Jersey, U.S.A.
Dec. 5, 1872	
Dec. 5, 1572	Williams, Thomas, Chemical Laboratory and Assay Office, A,
h 1110 1000	Queen Insurance-building, 10, Dale-street, Liverpool
April 19, 1888	Williams, T. Howell, 58, Lady Margaret-road, St. John & College
11 1 10 1084 (1)	park, N.W.
Feb. 19, 1874 Trans	The state of the s
Mar. 5, 1885	Williams, Walter Collingwood, 68, Grove-street, Liverpool
Feb. 7, 1878	Williams, W. J., 1412, Van Buren-street, Wilmington Del. U.S.A.
M. 15 1040 Manua	
May 15, 1848 Trans Dec. 4, 1874 Trans	
Dec. 4, 1874 Trans	Shields
Mar. 4, 1886 Proc.	Williamson, Sidney, The Mason College, Birmingham
,	Willmore, Charles, Queenwood College, near Stock andg
June 15, 1871	Hants
Dec. 5, 1872	Wills, Jos. Lainson, care of A. Wells, Esq., 8, Honeywood,
1700. 0, 1072	Wandsworth-common, S.W., and 206, Albert-street, Others,
	Canada
Dec. 2, 1875	Wills, Samuel Day, 11, Upper Belgrave-road, Clitton Bridge
Dec. 5, 1889	Wilkie, John, M.D., 20, Buckingham-street, Strand W.
Feb. 5, 1885 Trans	
100. 0, 1000	Stockton-on-Tees
June 19, 1879	Wilson, Charles J. 19, Little Queen stratt, Wes minsh
June 21, 1883 Trans	
Nov. 19, 1855	Wilson, G. F., F.R.S., Heatherbank, Weybrid a beath
Dec. 18, 1879	Wilson, J. Millar, Eddystone, Deliware Co., Pag USA
April 1, 1875	Wilson, James, M.A., Barrister at-law, 2, Essembert 1 months
1, 2010	and 23, Aberdeen-road, Highbury, N
May 16, 1878	Wilson, James Henry, 6. Fene furch-building E.C.
Dec. 3, 1891	Wilson, John Henry, A.1 C., 29 Radford-str et Covenier
Dec. 7, 1871	Wilson, William John, 6, Malden-road, Watterd
Dec. 17, 1885	Wilson, William M., The Limes Hurt rpoi 1
	Sussex
Nov. 20, 1890	Wilson, J. Mitcheil, M.D., Mc Of H. d. H. d.
Dec. 5, 1889	Wiltshire, Joan, Maffra Torqui

64	FELLOWS OF THE CHEMICAL SOCIETY.
Date of Election.	
Feb. 5, 1874	Wiltshire, Thomas Pemberton, care of New York Tartar Com- pany, 9th Street and Gowan's Canal. Brooklyn, New York
Dec. 18, 1884	Wilton, Thomas, The Gas Light and Coke Co., Beckton, North Woelwich
Dec. 1, 1887	Winder, Bartlett W., Sunny Bank House, 43, Broomhall-place, Sheffield
June 17, 1880	Wingham, Arthur, e.o H. G. Graves, 5, Robert-street, Adelphi, W.C.
Mar. 16, 1876	Winser, Percy James, Wyck House, Bebington, near Birkenhead
Nov. 19, 1885	Winstone, Arthur B., 7, Gray's Inn-square, W.C.
Mar. 2, 1857	Winstone, Benjamin, M.D., 100. Shoe-lane, E.C.; and 53, Russell-square, W.C.
Dec. 3, 1891	Winterton, A. W., 6, Linden-terrace, Rotherham
June 15, 1876	Trans. Witt, Otto N., Ph.D., 33, Lindenallice, Westend, Charlottenburg, near Berlin
Dec. 5, 1867	Wood, Augustus A., 74, Cheapside, E.C.
April 4, 1889	Wood, Charles, 5, Wood-view, Bradford, Yorks
Jan. 19, 1860	Trans. Wood, Charles Henry, Portland Villa, Drightstone-road, Addle-
0 am 10, 1000	stone, Surrey
Jan. 20, 1876	Wood, G. W., A.K.C., Metropolitan Board of Works, S.W.; an
9 till. 201 11110	Riggindale-road, Streatham, S.W.
Dec. 7, 1876	Wood, John, Portland-villa, Troon, N.B.
Dec. 4, 1890	Wood, Sidney, 5, Woodview, Bradford, Yorkshire
Dec. 18, 1884	Wood, William H., B.A. (Oxon.), La Martinière, Calcutta
Feb. 19, 1880	Wood, W. H., 16, Church-place, Hopwood-lane, Halifax
Dec. 7, 1871	Trans. Woodcock, Reginald C., The American and Continental Sanit
200. 1, 1011	Company, 636 to 642, West 55th-street, New York
Feb. 18, 1892	Woods, Hugh, 11, Archway-road, Highgate, London, N.
April 19, 1888	Woodward, James, B.A., F.I.C., B.Sc., 144, Osborne-road, Forest
	Gate, E.
Feb. 7, 1878	Woodland, John, Oaklands, Westhall - road, Lordship - lane, S.E.
April 4, 1889	Woolf, Mortimor, 16, Greville-place, N.W.
Dec. 6, 1859	Woosnam, Richard W., 139, Ladbroke Grove-road, Notting Hill, W.
Nov. 19 1885	Wormley, Theodore G., M.D., University of Pennsylvania, Department of Medicine, Philadelphia
Dec. 18, 1884	Worrall, J. Hall, F.I.C., 158, Ellesmere-road, Sheffield
Feb. 4, 1858	Trans. Worsley, Philip J., Rodney Lodge, Clifton, Bristol
June 7, 1866	Trans. Wright, Charles R. A., D.Sc., F.R.S., St. Mary's Hospital. Paddington, W.
Feb. 21, 1878	Trans. Wright, Lewis Thompson, Buenos Ayres (New) Gas Co., Casilla 765, 511, Calle Alsina, Buenos Ayres
Mar. 4, 1886	Wright, William T., 8, Grange-crescent, Sheffield

Date of Election.		
Feb. 4, 1864		Wrightson, John, Charford House, Sala bary
Feb. 19, 1891		Wyatt, Thomas M., 20, Queen's-square, W.C.
Dec. 2, 1880		Wyborn, John Middleton, 26, Widmore road, Brom et Kent
Nov. 20, 1884		Wyley, W. Fitzthomas, Wheatley-street, Coventry
May 7, 1885	Trans	Wynne, W. P., D.Sc., Royal College of Science South Kensington,
		and 35, Parson's-green, Fulham, S.W.
June 4, 1874	Trans.	Yates, Robert, 64, Park-street, Southwark
Dec. 16, 1886		Yoshida, H., Science College, Imperial University, Tokyo, Japan
l eb. 5, 1885		Young, Alfred C., 64, Tyrwhitt-road, St. John's, S.E.
Mar. 4, 1886		Young, Brougham, Home Lyn, Woodberry Down, London, N
Mar. 15, 1877		Young, Frank W., High School, Lund e, and Woodmar, W.
		Newport, Fife, N.B.
Dec. 4, 1890		Young, George, Ph.D., Firth College, Smith d
June 21, 1877		Young, J. Rymer, 42, Sankey street, Warrington
Feb. 5, 1874		Young, John, 2, Montague-terrace, Kelvin ide, Glargow
June 16, 1887	Trans.	Young, John William, B.Sc., B.A., Analyst's Office, Great
ŕ		Northern Railway Plant, Doncaster, and 25, Hall Gate, Doncaster
Feb. 16, 1882	Trans.	Young, Sydney, D.Se., University College, Bristol, and 13, Aler-
		deen-terrace, White Ludies'-road, Bristol
Nov. 6, 1873		Young, W. C., 22, Windsor-road. Forest-cate, I's ex
April 4, 1878		Zingler, Maximilian, 19, Buckland croscent, Belsize park, N.W., and 16, Fenchurch-street, E.C.

FELLOWS OF THE SOCIETY WHO HAVE RECEIVED THE LONGSTAFF MEDAL-

1881. T. E. Thorpe, F.R.S.

1884. C. O'Sullivan, F.R.S.

1888. W. H. Perkin, F.R.S.

1891. F. R. Japp, F.R.S.

FOREIGN MEMBERS.

NUMBER NOT TO EXCEED FORTY.

NUMBER NOT TO EXCEED FORTY,			
Date of Election.			
May 18, 1876	Bacyer, Adolph von, F.R.S., University of Manich		
Feb. 1, 1883	Beilstein, Prof. F., Ph.D., Technological Institute, St. Petersburg		
Mar. 1, 1860	Berthelot, M., F.R.S., Collège de France, Paris		
Feb. 2, 1888	Boisbaudran, Leeoq de, 36, Rue Prony, Paris		
Feb. 1, 1842	Bunsen, R. W., Ph. D., F.R.S., University of Heidelberg		
	, , , , , , , , , , , , , , , , , , , ,		
May 18, 1858	Cahours, Auguste, à la Monnaie, Paris		
June 19, 1862	*Cannizzaro, S., Senato di Roma		
Feb. 1, 1883	Cleve. Prof. P. T., Ph.D., University, Upsala, Sweden		
May 18, 1876	Cooke, Josiah P., Harvard University, Cambridge, Massachus tt.,		
	U.S.		
Feb. 1, 1883	Erlenmeyer, Prof. E., Ph.D., Frankfurt-on-Main		
June 16, 1892	Fischer, Emil, Ph.D., University of Wurzburg		
Feb. 1, 1883	Fittig, Prof. R., Ph.D., University, Strassburg		
Mar 1, 1860	Fremy, Edmond, École Polytechnique, Paris		
Nov. 4, 1844	Fresenius, C. Remigius, Ph.D., Wiesbaden		
May 18, 1876	Friedel, C., École des Mines, Paris		
M 9 1000	Cibbs Doof Walnut Condition Massachusetts IV		
May 3, 1866	Gibbs, Prof. Wolcott, Cambridge, Massachusetts, U.S.		
June 16, 1892	Graebe, Carl, Ph.D., University of Genera		
15 1 7 7000	ATTAIN A DOCK IT ON A MAD S AND A WILL I A S A A		
Feb. 1, 1883	†Helmholtz, Prof. H. von, F.R.S., Neue Wilhelmstrass: 16, Berlin, N.W		
H-1 -2 1000	Hoff, Prof. J. H. van't, Ph.D., 103, Stadtonderskade, Amsterdam		
Feb. 2, 1888	1100, 1 rot. J. 11 Van 1, Ph.D., 105, Stantongerskade, Amsterdam		
June 19, 1862	Kekulé Prof. A., F.R.S., University of Bonn		
June 19, 1802	Kekine i fot. A., 1, ii, ., Chivesity of Both		
Feb. 2, 1988	Ladenburg, Prof. A., Ph D., Kaiser Wilhelmstrasse, 43, Breslah		
Feb. 2, 1888	Landolt, Prof. H., Ph.D., Keniggratzerstrasse, 1238, Berlin, W		
June 16, 1892	Liebeu, Adolph, Ph.D., University of Vienna		
,,			
June 19, 1862	Marignae, Jean Charles Galissard de, F.R S., Geneva		
Feb. 1, 1883	#Mendeléef, Prof. D., Ph.D., University, St. Petersburg		
	Faraday I acturer 1979		

^{*} Faraday Lecturer, 1872.

[†] Laraday Lecturer, 1 81.

[‡] Faraday Lecturer, †****

Date of Election.	
Feb. 1, 1883	Meyer, Prof. Lothar, Ph.D., University, Wilhelmstrasse, 9, Tübingen, Germany
Feb. 1, 1883	Meyer, Prof. Victor, Ph.D., University of Heidelberg
Feb. 2, 1888	Nilson, Prof. L. F., Ph.D., Albano, Stockholm
June 19, 1862	Pasteur, L., F.R.S., École Normale, Paris
Mar. 1, 1860	Peligot, E., à la Monnaie, Paris
May 3, 1866	Rammelsberg, Prof. C. F., Berlin
June 16, 1832	Schiff, Hugo, Ph.D., University of Florence
June 16, 1892	Schlesing, Th. Ph.D. Institute, Agromique, Paris
June 19, 1862	Stas Prof. J. S., F.R.S., École Militaire, Brussels
May 18, 1876	Thomsen, Prof. Julius, Ph.D., University of Copenhagen
Feb. 2, 1888	Wislicen, Prof. Johannes, Ph.D., University, Leipzig

OF PERSONS WHO HAVE DELIVERED THE FARADAY LECTURE :-

1872. S. Cannizziro, F.R S.

1875. Aug. Wm. von Hofmann, D.C.L., F.R.S.

1881. H. von Helmholtz, F.R.S.

1889. D. Mendeléef.





not accessioned

Chemical Society, London List of Officers and fellows.

P C & Phys C

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